

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090722AL\
 Data File : FE037434.D
 Signal(s) : FID1B.ch
 Acq On : 07 Sep 2022 09:33
 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 08 03:03:46 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)	11.645	3378011	19.989 ug/ml
Spiked Amount 50.000		Recovery =	39.98%
12) S 1-chlorooctadecane (S...	13.069	2576277	20.018 ug/ml
Spiked Amount 50.000		Recovery =	40.04%
Target Compounds			
1) T n-Nonane (C9)	3.038	3238403	21.165 ug/ml
2) T n-Decane (C10)	4.295	3296629	21.382 ug/ml
3) T A~Naphthalene (C11.7)	6.009	3281415	22.776 ug/ml
4) T n-Dodecane (C12)	6.467	3339724	21.120 ug/ml
5) T A~2-methylnaphthalene...	7.103	3213742	23.019 ug/ml
6) T n-Tetradecane (C14)	9.887	3300259	20.828 ug/ml
7) T n-Hexadecane (C16)	9.887	3300259	20.828 ug/ml
8) T n-Octadecane (C18)	11.323	3256746	20.451 ug/ml
10) T n-Eicosane (C20)	12.625	3169191	20.030 ug/ml
11) T n-Heneicosane (C21)	13.235	3121430	19.795 ug/ml
13) T n-Docosane (C22)	13.818	3068348	19.711 ug/ml
14) T n-Tetracosane (C24)	14.916	2953779	19.639 ug/ml
15) T n-Hexacosane (C26)	15.933	2865588	19.789 ug/ml
16) T n-Octacosane (C28)	16.878	2822472	20.373 ug/ml
17) T n-Tricontane (C30)	17.762	2983533	21.933 ug/ml
18) T n-Dotriacontane (C32)	18.589	3046332	22.813 ug/ml
19) T n-Tetratriacontane (C34)	19.370	2956440	23.366 ug/ml
20) T n-Hexatriacontane (C36)	20.106	2947906	22.921 ug/ml
21) T n-Octatriacontane (C38)	20.804	2939646	23.619 ug/ml
22) T n-Tetracontane (C40)	21.590	3112133	24.141 ug/ml

(f)=RT Delta > 1/2 Window

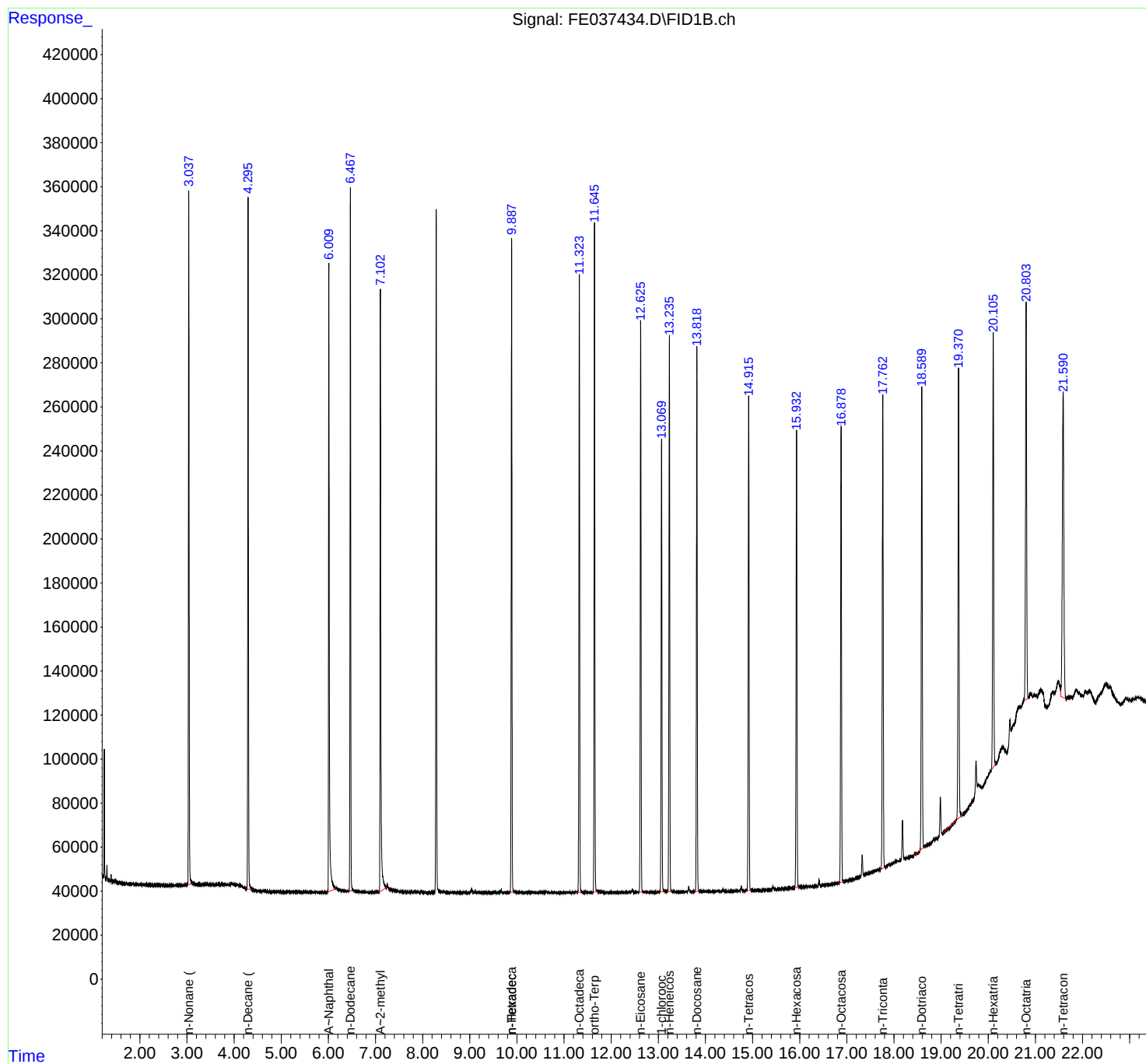
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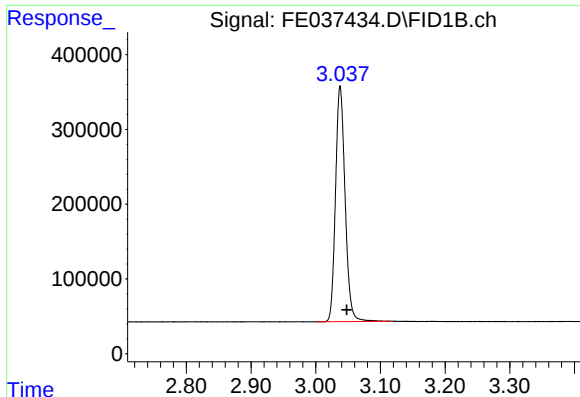
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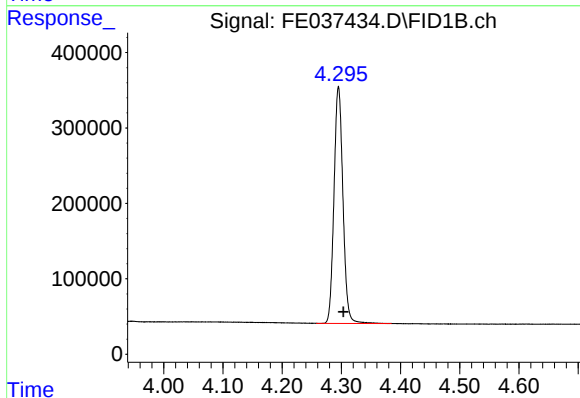




#1 n-Nonane (C9)

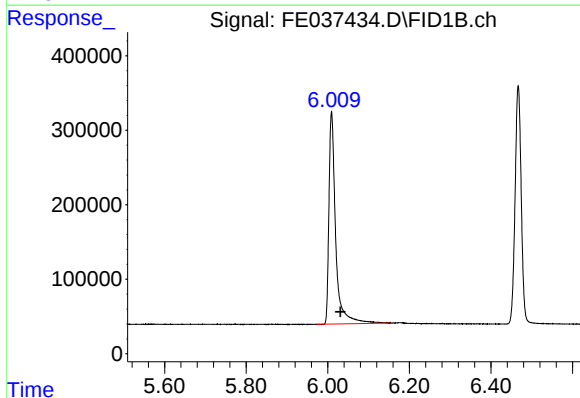
R.T.: 3.038 min
Delta R.T.: -0.010 min
Response: 3238403
Conc: 21.17 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



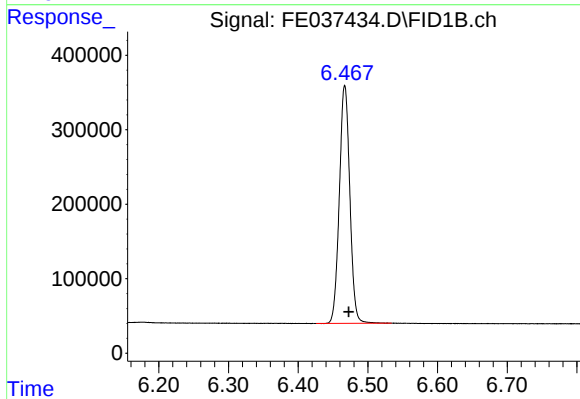
#2 n-Decane (C10)

R.T.: 4.295 min
Delta R.T.: -0.008 min
Response: 3296629
Conc: 21.38 ug/ml



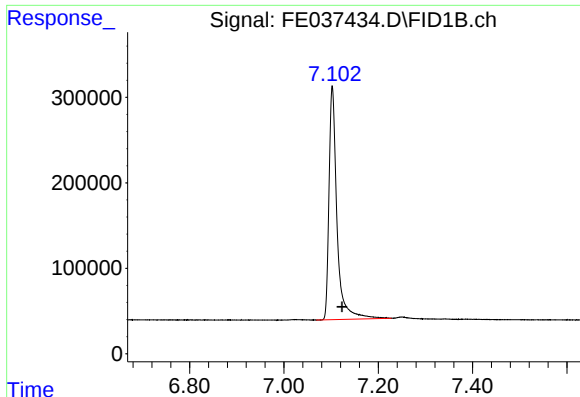
#3 A~Naphthalene (C11.7)

R.T.: 6.009 min
Delta R.T.: -0.021 min
Response: 3281415
Conc: 22.78 ug/ml



#4 n-Dodecane (C12)

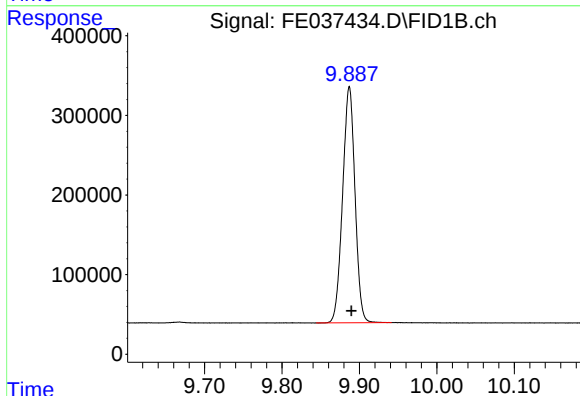
R.T.: 6.467 min
Delta R.T.: -0.005 min
Response: 3339724
Conc: 21.12 ug/ml



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

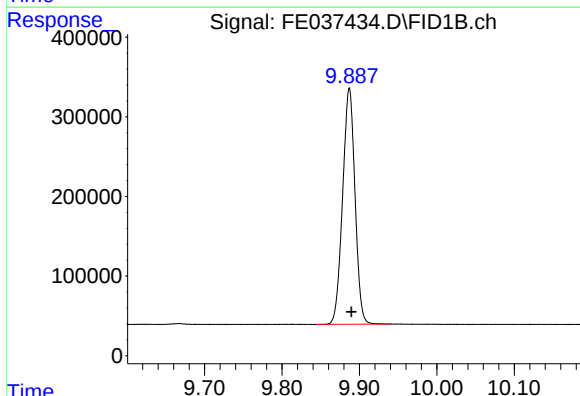
R.T.: 7.103 min
Delta R.T.: -0.021 min
Response: 3213742
Conc: 23.02 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



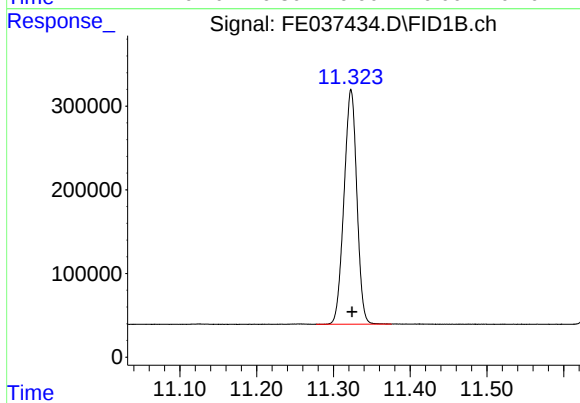
#6 n-Tetradecane (C14)

R.T.: 9.887 min
Delta R.T.: -0.003 min
Response: 3300259
Conc: 20.83 ug/ml



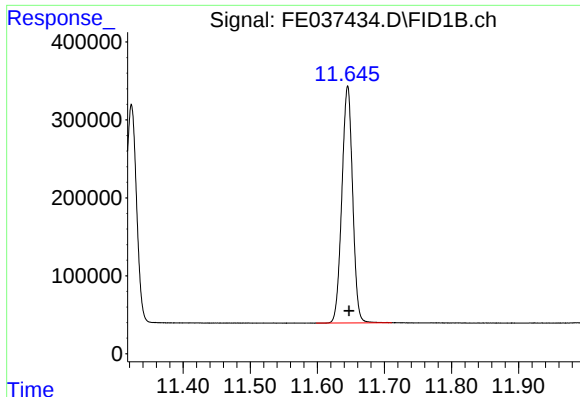
#7 n-Hexadecane (C16)

R.T.: 9.887 min
Delta R.T.: -0.003 min
Response: 3300259
Conc: 20.83 ug/ml



#8 n-Octadecane (C18)

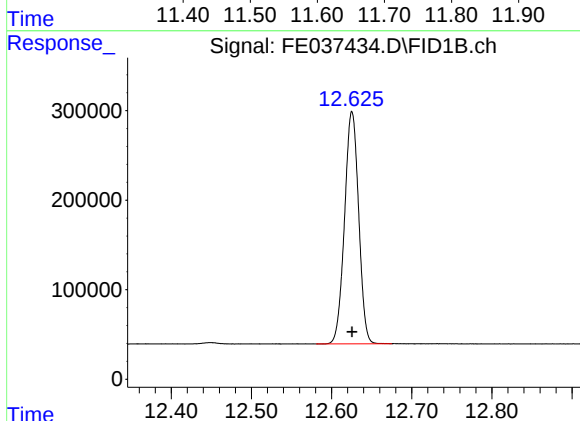
R.T.: 11.323 min
Delta R.T.: -0.001 min
Response: 3256746
Conc: 20.45 ug/ml



#9 ortho-Terphenyl (SURR)

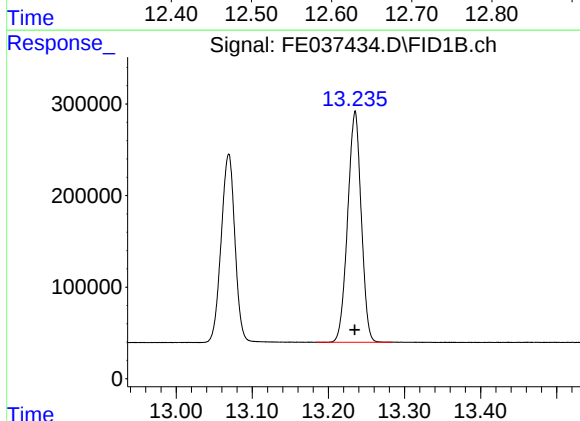
R.T.: 11.645 min
Delta R.T.: -0.002 min
Response: 3378011
Conc: 19.99 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



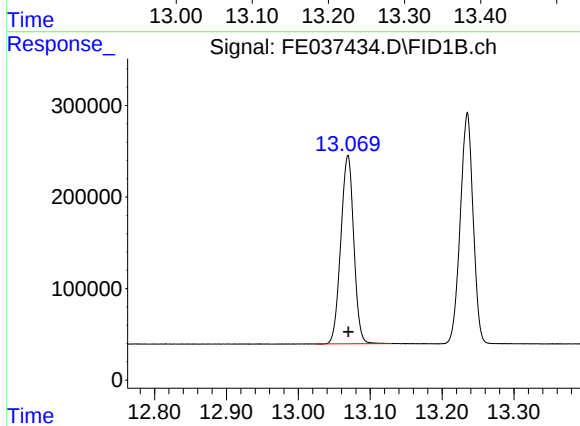
#10 n-Eicosane (C20)

R.T.: 12.625 min
Delta R.T.: 0.000 min
Response: 3169191
Conc: 20.03 ug/ml



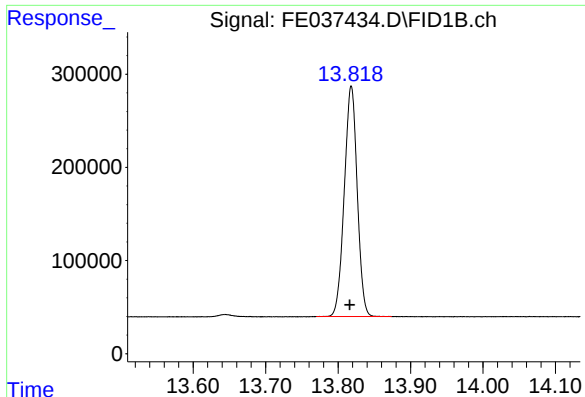
#11 n-Heneicosane (C21)

R.T.: 13.235 min
Delta R.T.: 0.000 min
Response: 3121430
Conc: 19.79 ug/ml



#12 1-chlorooctadecane (SURR)

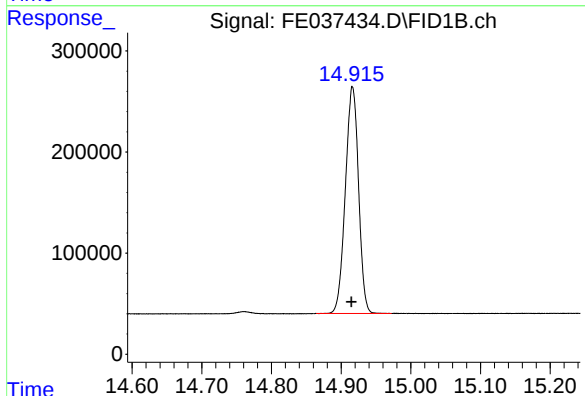
R.T.: 13.069 min
Delta R.T.: 0.000 min
Response: 2576277
Conc: 20.02 ug/ml



#13 n-Docosane (C22)

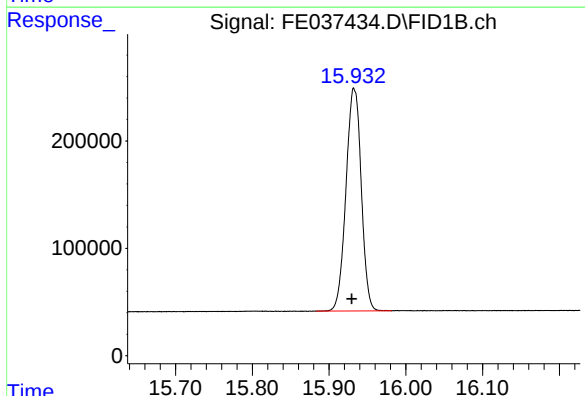
R.T.: 13.818 min
Delta R.T.: 0.002 min
Response: 3068348
Conc: 19.71 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



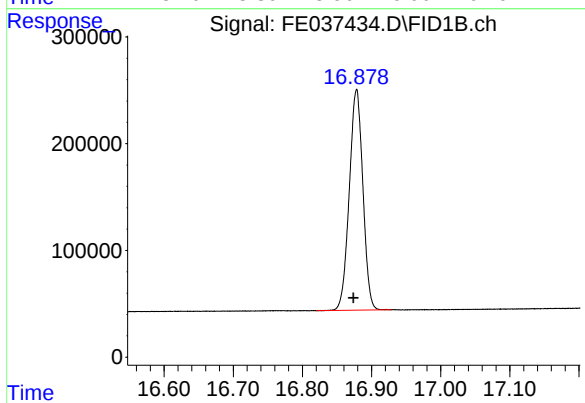
#14 n-Tetracosane (C24)

R.T.: 14.916 min
Delta R.T.: 0.002 min
Response: 2953779
Conc: 19.64 ug/ml



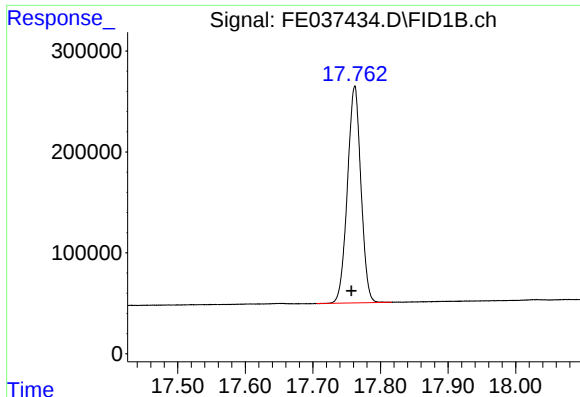
#15 n-Hexacosane (C26)

R.T.: 15.933 min
Delta R.T.: 0.003 min
Response: 2865588
Conc: 19.79 ug/ml



#16 n-Octacosane (C28)

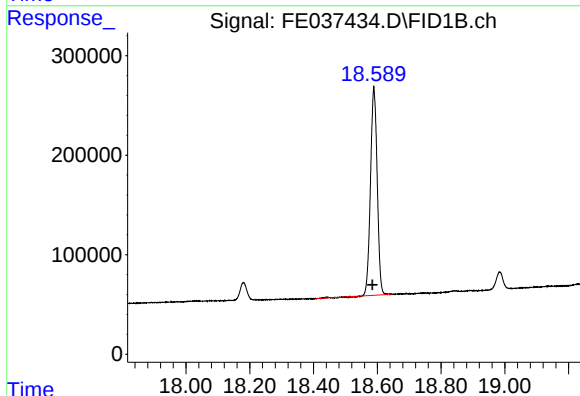
R.T.: 16.878 min
Delta R.T.: 0.005 min
Response: 2822472
Conc: 20.37 ug/ml



#17 n-Tricontane (C30)

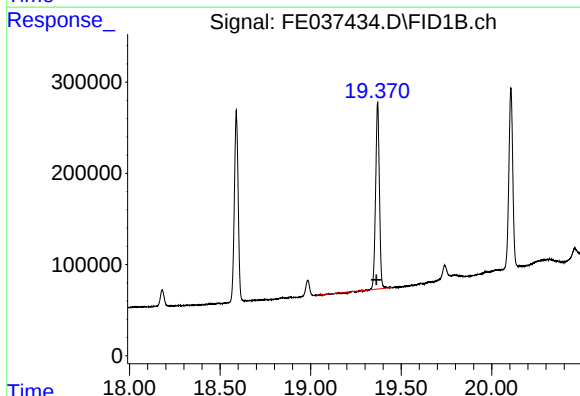
R.T.: 17.762 min
Delta R.T.: 0.005 min
Response: 2983533
Conc: 21.93 ug/ml

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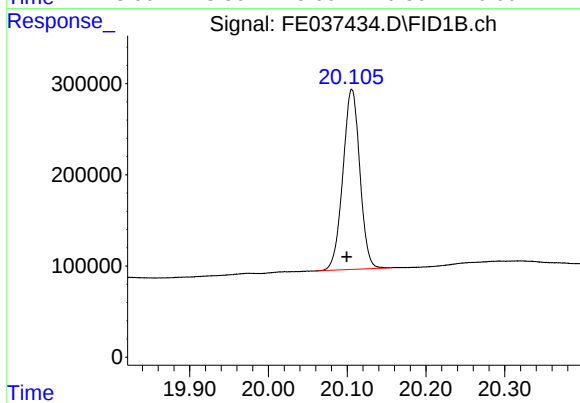
#18 n-Dotriacontane (C32)

R.T.: 18.589 min
Delta R.T.: 0.005 min
Response: 3046332
Conc: 22.81 ug/ml



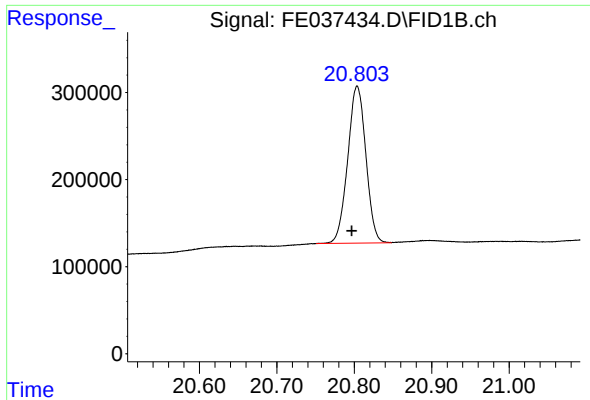
#19 n-Tetratriacontane (C34)

R.T.: 19.370 min
Delta R.T.: 0.007 min
Response: 2956440
Conc: 23.37 ug/ml



#20 n-Hexatriacontane (C36)

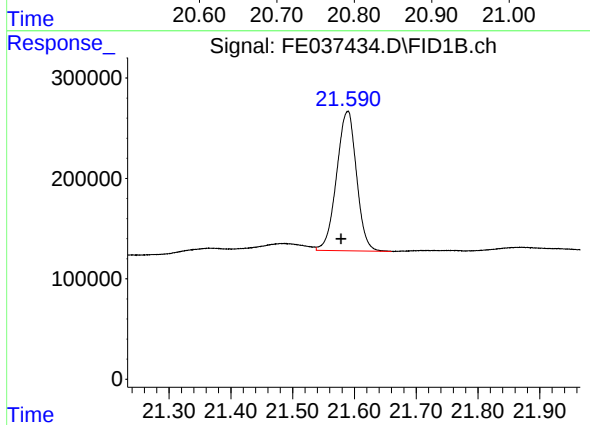
R.T.: 20.106 min
Delta R.T.: 0.007 min
Response: 2947906
Conc: 22.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.804 min
Delta R.T.: 0.007 min
Response: 2939646
Conc: 23.62 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.590 min
Delta R.T.: 0.011 min
Response: 3112133
Conc: 24.14 ug/ml