

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090922AL\
 Data File : FE037487.D
 Signal(s) : FID1B.ch
 Acq On : 09 Sep 2022 18:51
 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 12 02:43:44 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)	11.638	3087734	18.271 ug/ml
Spiked Amount 50.000		Recovery =	36.54%
12) S 1-chlorooctadecane (S...	13.063	2380438	18.496 ug/ml
Spiked Amount 50.000		Recovery =	36.99%
Target Compounds			
1) T n-Nonane (C9)	3.033	2891894	18.901 ug/ml
2) T n-Decane (C10)	4.291	3005680	19.495 ug/ml
3) T A~Naphthalene (C11.7)	6.006	2978671	20.675 ug/ml
4) T n-Dodecane (C12)	6.463	3075086	19.446 ug/ml
5) T A~2-methylnaphthalene...	7.099	2912993	20.865 ug/ml
6) T n-Tetradecane (C14)	9.883	3044096	19.211 ug/ml
7) T n-Hexadecane (C16)	9.883	3044096	19.211 ug/ml
8) T n-Octadecane (C18)	11.317	2999971	18.839 ug/ml
10) T n-Eicosane (C20)	12.620	2916860	18.435 ug/ml
11) T n-Heneicosane (C21)	13.229	2877066	18.245 ug/ml
13) T n-Docosane (C22)	13.812	2839879	18.243 ug/ml
14) T n-Tetracosane (C24)	14.910	2739694	18.216 ug/ml
15) T n-Hexacosane (C26)	15.927	2678774	18.499 ug/ml
16) T n-Octacosane (C28)	16.872	2678809	19.336 ug/ml
17) T n-Tricontane (C30)	17.756	2909081	21.385 ug/ml
18) T n-Dotriacontane (C32)	18.584	3026100	22.662 ug/ml
19) T n-Tetratriacontane (C34)	19.364	2905336	22.962 ug/ml
20) T n-Hexatriacontane (C36)	20.101	2938099	22.844 ug/ml
21) T n-Octatriacontane (C38)	20.800	2954123	23.736 ug/ml
22) T n-Tetracontane (C40)	21.582	2949545	22.880 ug/ml

(f)=RT Delta > 1/2 Window

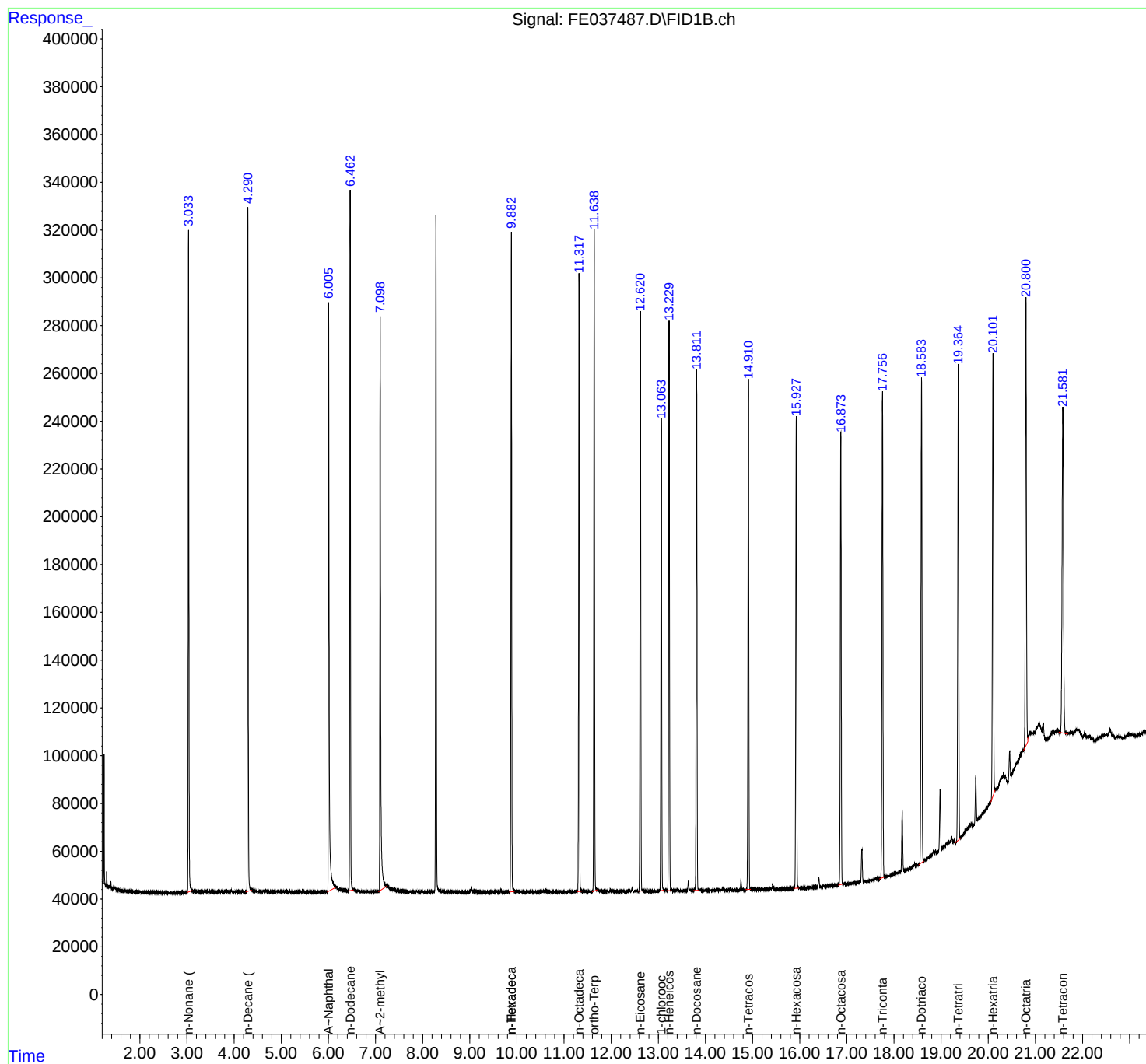
(m)=manual int.

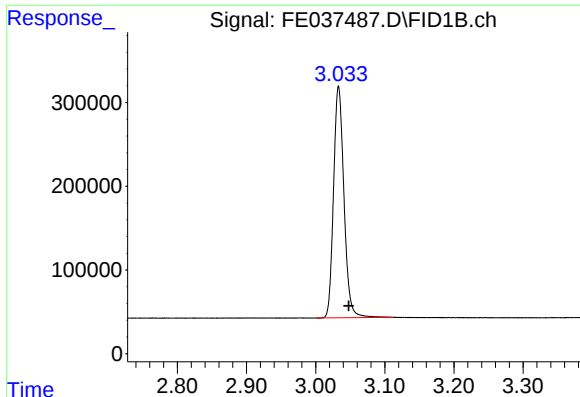
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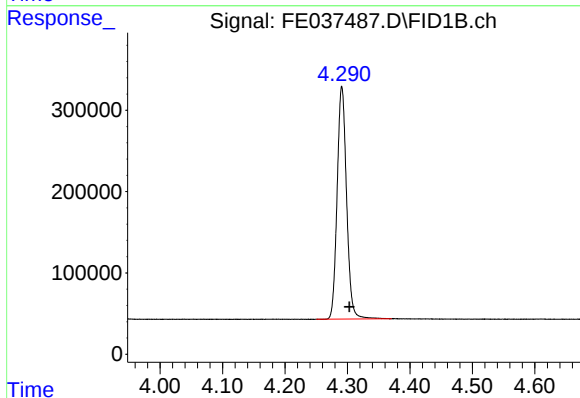




#1 n-Nonane (C9)

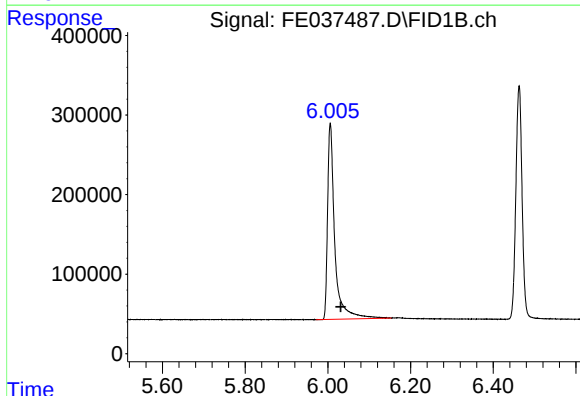
R.T.: 3.033 min
Delta R.T.: -0.015 min
Response: 2891894
Conc: 18.90 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



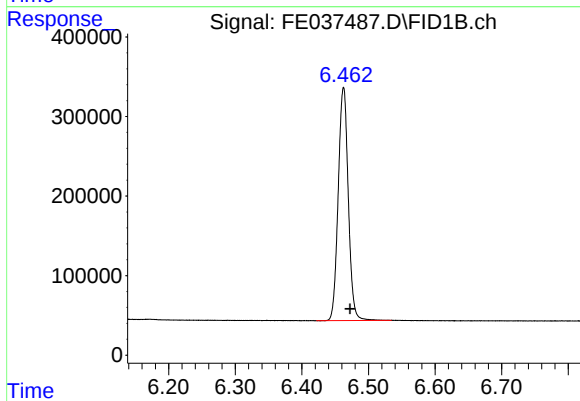
#2 n-Decane (C10)

R.T.: 4.291 min
Delta R.T.: -0.012 min
Response: 3005680
Conc: 19.50 ug/ml



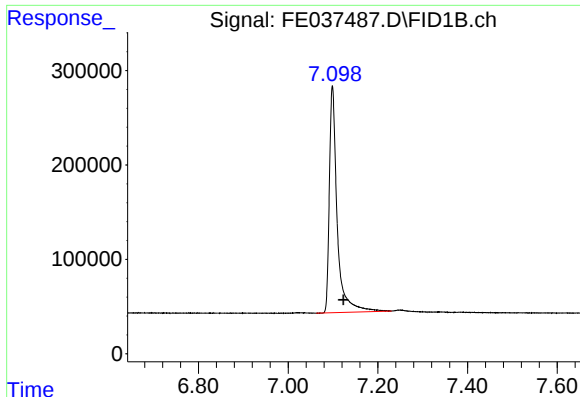
#3 A~Naphthalene (C11.7)

R.T.: 6.006 min
Delta R.T.: -0.025 min
Response: 2978671
Conc: 20.68 ug/ml



#4 n-Dodecane (C12)

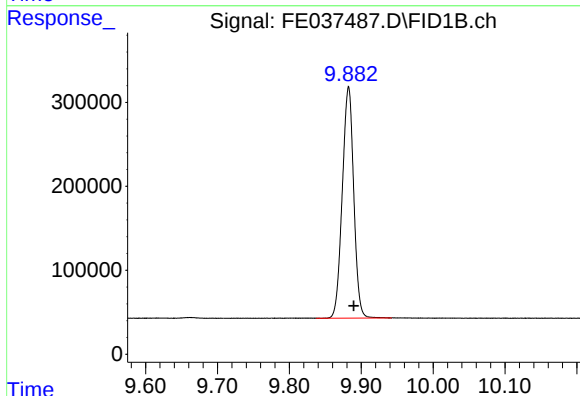
R.T.: 6.463 min
Delta R.T.: -0.010 min
Response: 3075086
Conc: 19.45 ug/ml



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

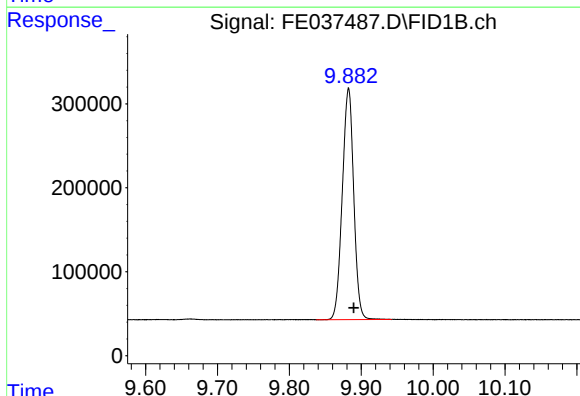
R.T.: 7.099 min
Delta R.T.: -0.024 min
Response: 2912993
Conc: 20.86 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



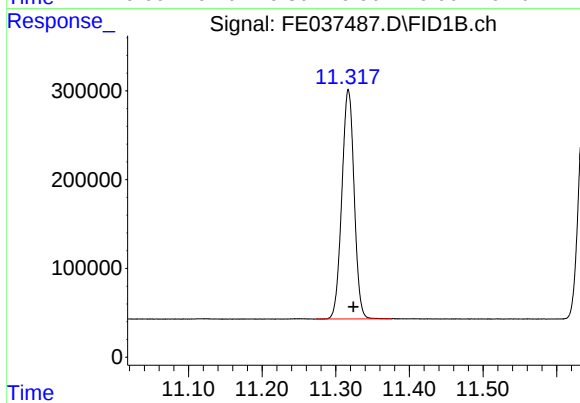
#6 n-Tetradecane (C14)

R.T.: 9.883 min
Delta R.T.: -0.007 min
Response: 3044096
Conc: 19.21 ug/ml



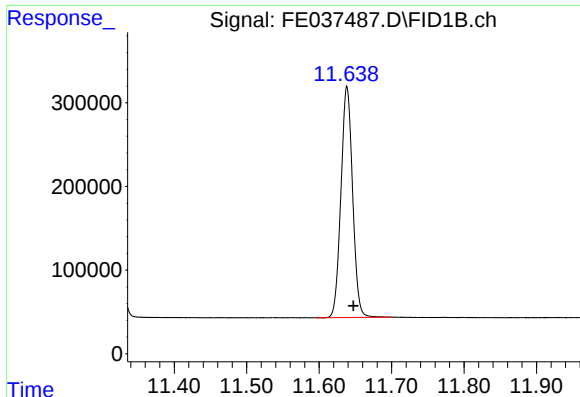
#7 n-Hexadecane (C16)

R.T.: 9.883 min
Delta R.T.: -0.007 min
Response: 3044096
Conc: 19.21 ug/ml



#8 n-Octadecane (C18)

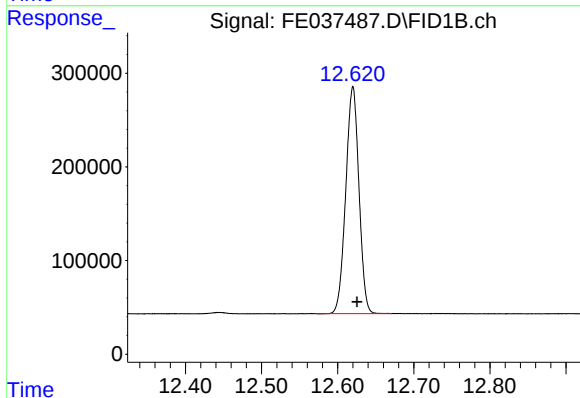
R.T.: 11.317 min
Delta R.T.: -0.007 min
Response: 2999971
Conc: 18.84 ug/ml



#9 ortho-Terphenyl (SURR)

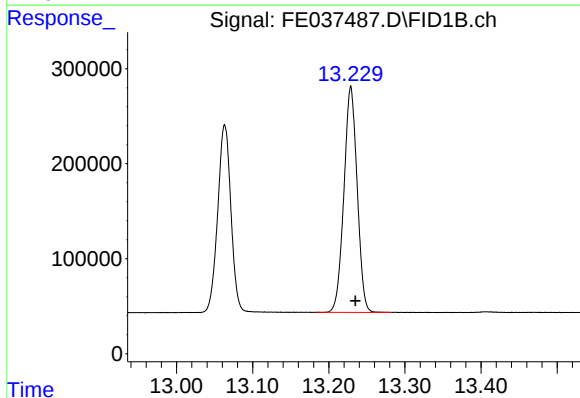
R.T.: 11.638 min
Delta R.T.: -0.009 min
Response: 3087734
Conc: 18.27 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



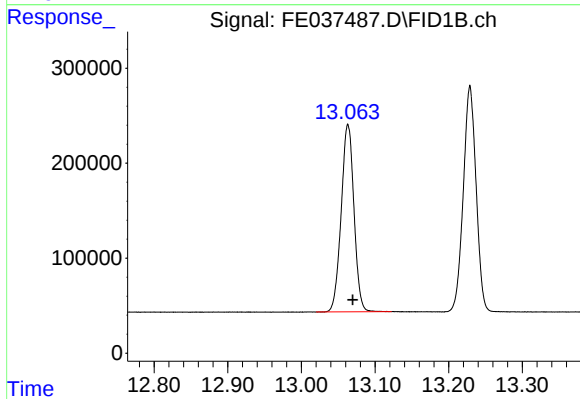
#10 n-Eicosane (C20)

R.T.: 12.620 min
Delta R.T.: -0.005 min
Response: 2916860
Conc: 18.44 ug/ml



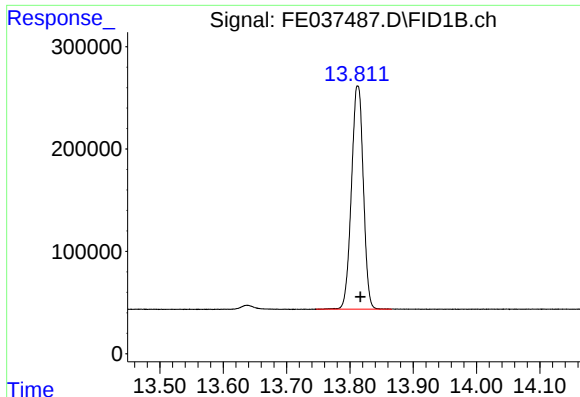
#11 n-Heneicosane (C21)

R.T.: 13.229 min
Delta R.T.: -0.006 min
Response: 2877066
Conc: 18.25 ug/ml



#12 1-chlorooctadecane (SURR)

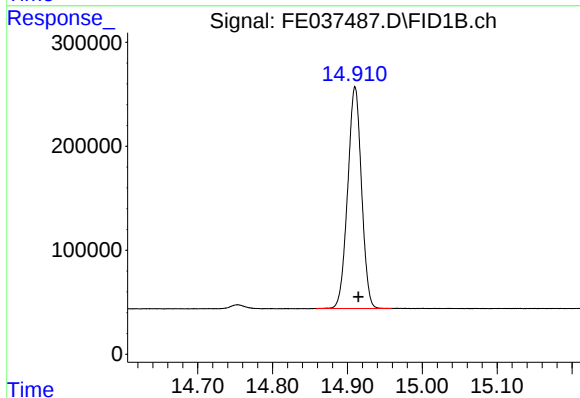
R.T.: 13.063 min
Delta R.T.: -0.006 min
Response: 2380438
Conc: 18.50 ug/ml



#13 n-Docosane (C22)

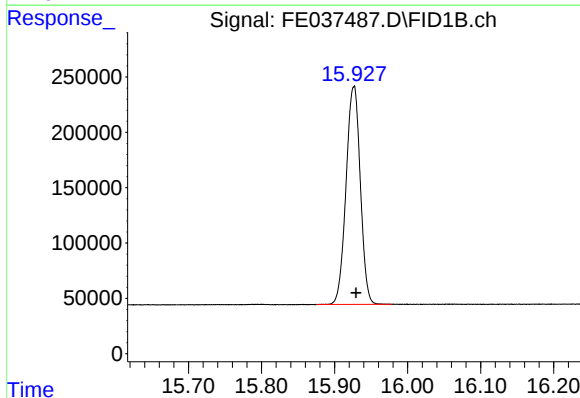
R.T.: 13.812 min
Delta R.T.: -0.004 min
Response: 2839879
Conc: 18.24 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



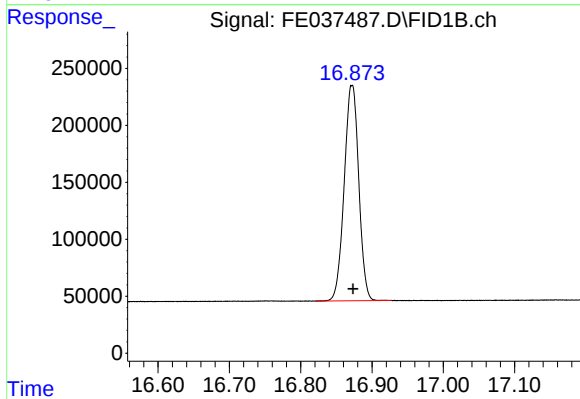
#14 n-Tetracosane (C24)

R.T.: 14.910 min
Delta R.T.: -0.004 min
Response: 2739694
Conc: 18.22 ug/ml



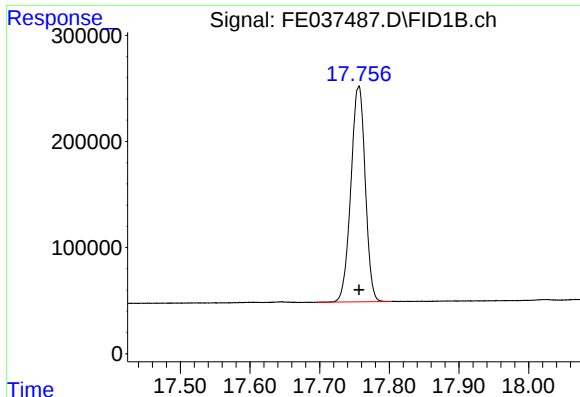
#15 n-Hexacosane (C26)

R.T.: 15.927 min
Delta R.T.: -0.003 min
Response: 2678774
Conc: 18.50 ug/ml



#16 n-Octacosane (C28)

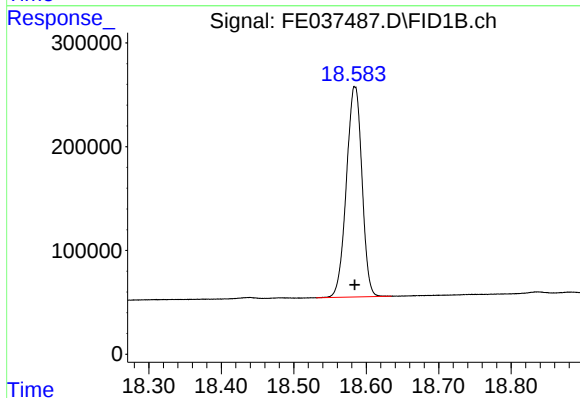
R.T.: 16.872 min
Delta R.T.: -0.002 min
Response: 2678809
Conc: 19.34 ug/ml



#17 n-Tricontane (C30)

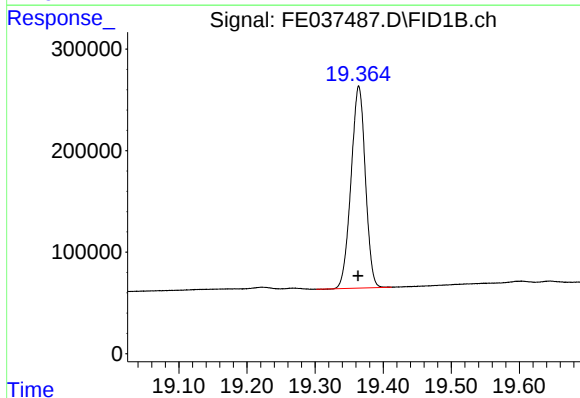
R.T.: 17.756 min
Delta R.T.: 0.000 min
Response: 2909081
Conc: 21.39 ug/ml

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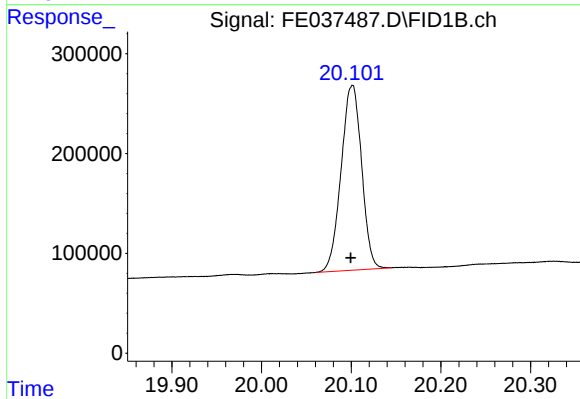
#18 n-Dotriacontane (C32)

R.T.: 18.584 min
Delta R.T.: 0.000 min
Response: 3026100
Conc: 22.66 ug/ml



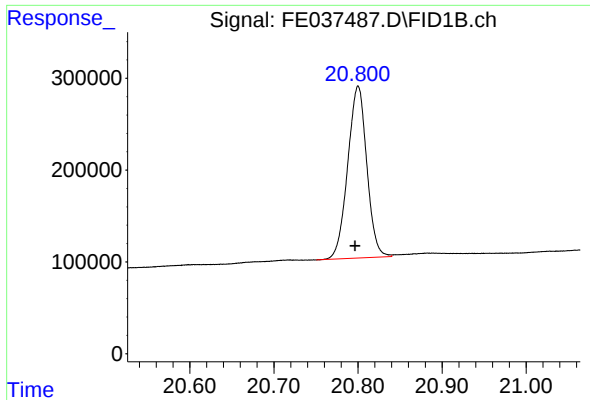
#19 n-Tetratriacontane (C34)

R.T.: 19.364 min
Delta R.T.: 0.000 min
Response: 2905336
Conc: 22.96 ug/ml



#20 n-Hexatriacontane (C36)

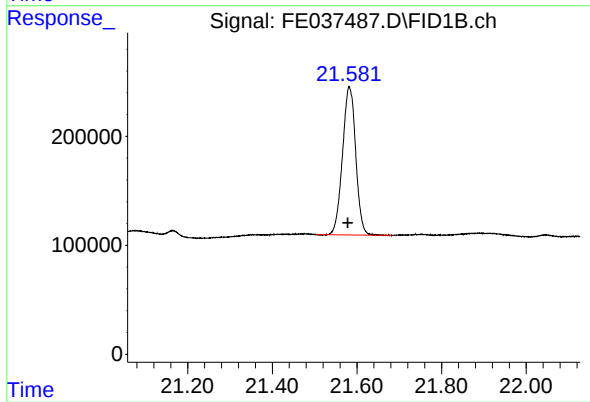
R.T.: 20.101 min
Delta R.T.: 0.002 min
Response: 2938099
Conc: 22.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.800 min
Delta R.T.: 0.004 min
Response: 2954123
Conc: 23.74 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.582 min
Delta R.T.: 0.003 min
Response: 2949545
Conc: 22.88 ug/ml