

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091322AL\
 Data File : FE037519.D
 Signal(s) : FID1B.ch
 Acq On : 13 Sep 2022 16:09
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 14 08:10:54 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)	11.635	2951972	17.468 ug/ml
Spiked Amount 50.000		Recovery =	34.94%
12) S 1-chlorooctadecane (S...	13.059	2281270	17.726 ug/ml
Spiked Amount 50.000		Recovery =	35.45%
Target Compounds			
1) T n-Nonane (C9)	3.028	2648254	17.308 ug/ml
2) T n-Decane (C10)	4.287	2792519	18.112 ug/ml
3) T A~Naphthalene (C11.7)	6.002	2735718	18.989 ug/ml
4) T n-Dodecane (C12)	6.459	2884455	18.241 ug/ml
5) T A~2-methylnaphthalene...	7.095	2697225	19.319 ug/ml
6) T n-Tetradecane (C14)	9.878	2893233	18.259 ug/ml
7) T n-Hexadecane (C16)	9.878	2893233	18.259 ug/ml
8) T n-Octadecane (C18)	11.313	2865383	17.994 ug/ml
10) T n-Eicosane (C20)	12.615	2798234	17.686 ug/ml
11) T n-Heneicosane (C21)	13.224	2754405	17.467 ug/ml
13) T n-Docosane (C22)	13.808	2727471	17.521 ug/ml
14) T n-Tetracosane (C24)	14.905	2630147	17.487 ug/ml
15) T n-Hexacosane (C26)	15.921	2566926	17.727 ug/ml
16) T n-Octacosane (C28)	16.866	2591930	18.709 ug/ml
17) T n-Tricontane (C30)	17.750	2889459	21.241 ug/ml
18) T n-Dotriacontane (C32)	18.578	3032972	22.713 ug/ml
19) T n-Tetratriacontane (C34)	19.358	2894562	22.877 ug/ml
20) T n-Hexatriacontane (C36)	20.094	2793460	21.720 ug/ml
21) T n-Octatriacontane (C38)	20.792	2781602	22.349 ug/ml
22) T n-Tetracontane (C40)	21.574	2813059	21.821 ug/ml

(f)=RT Delta > 1/2 Window

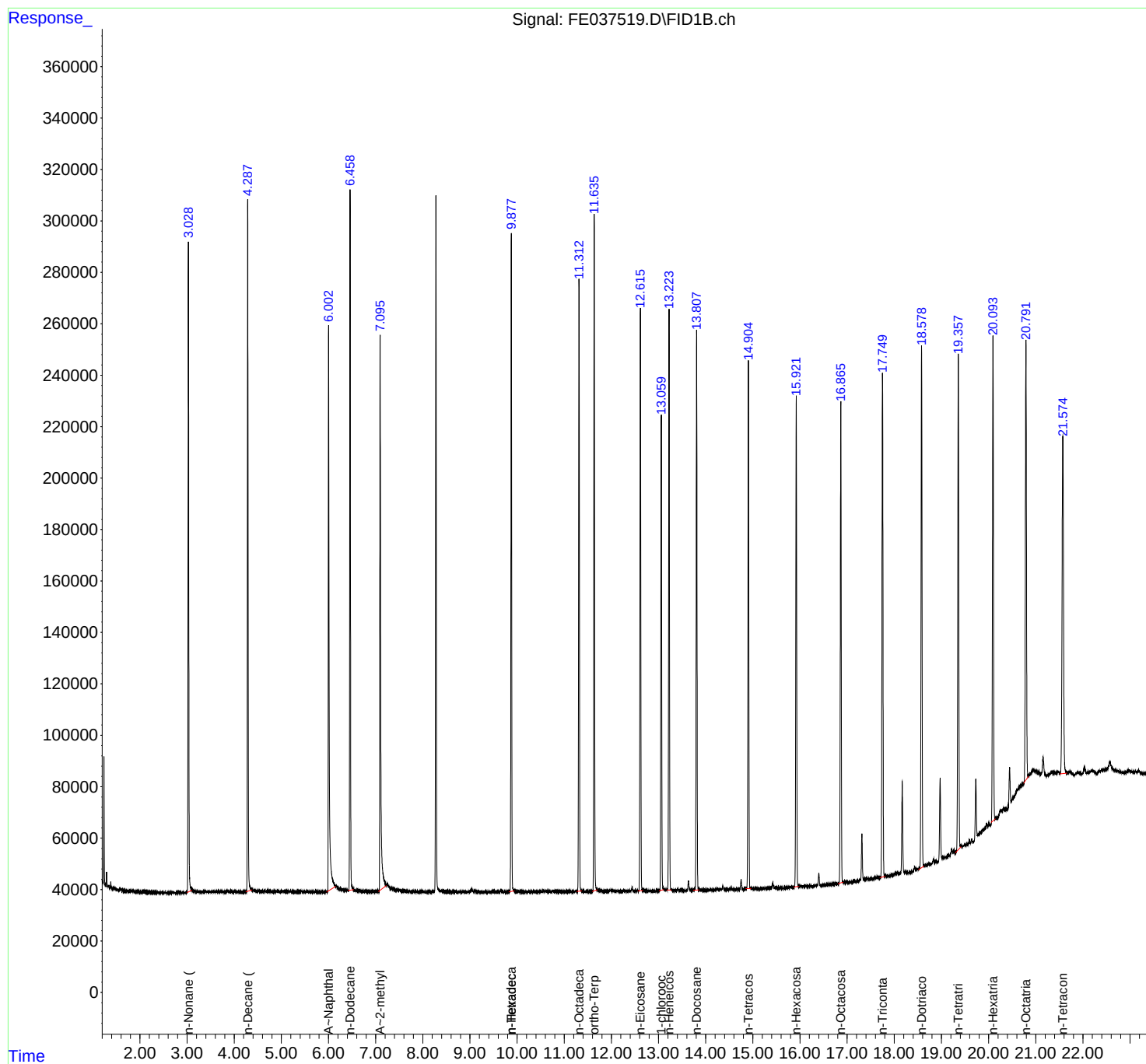
(m)=manual int.

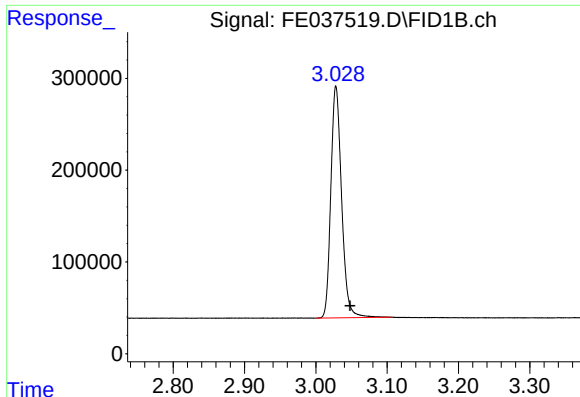
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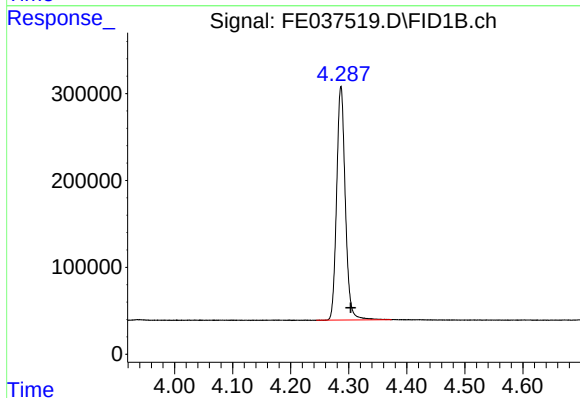




#1 n-Nonane (C9)

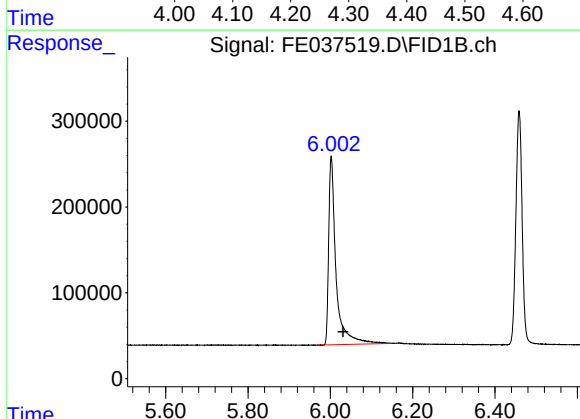
R.T.: 3.028 min
Delta R.T.: -0.020 min
Response: 2648254
Conc: 17.31 ug/ml

Instrument :
FID_E
ClientSampleId :



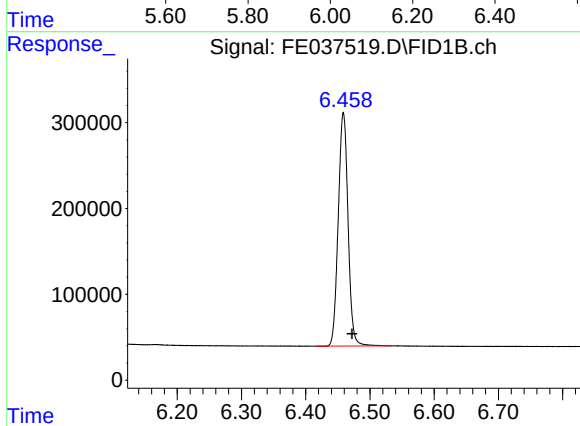
#2 n-Decane (C10)

R.T.: 4.287 min
Delta R.T.: -0.017 min
Response: 2792519
Conc: 18.11 ug/ml



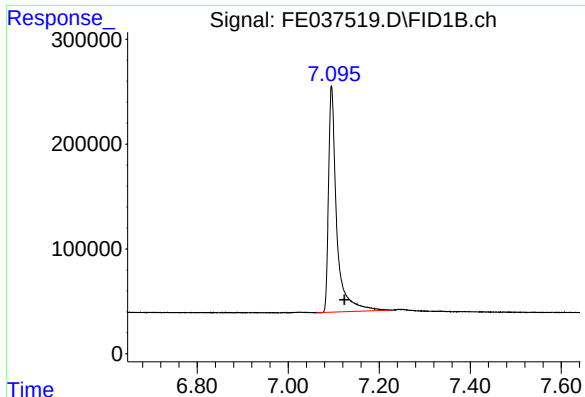
#3 A~Naphthalene (C11.7)

R.T.: 6.002 min
Delta R.T.: -0.028 min
Response: 2735718
Conc: 18.99 ug/ml



#4 n-Dodecane (C12)

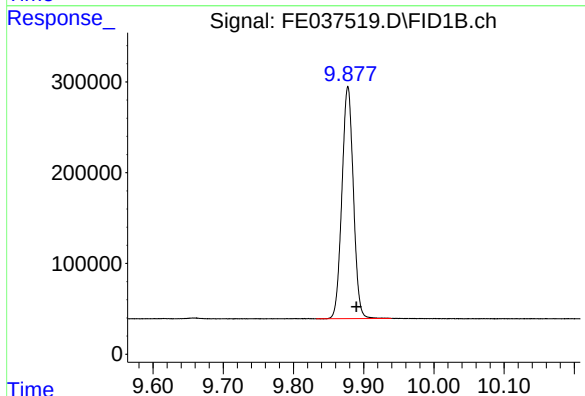
R.T.: 6.459 min
Delta R.T.: -0.014 min
Response: 2884455
Conc: 18.24 ug/ml



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

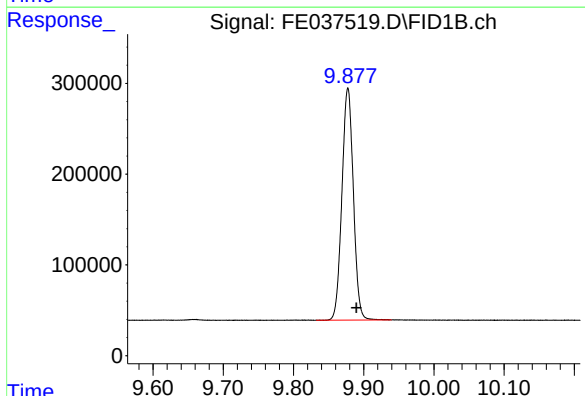
R.T.: 7.095 min
Delta R.T.: -0.028 min
Response: 2697225
Conc: 19.32 ug/ml

Instrument :
FID_E
ClientSampleId :



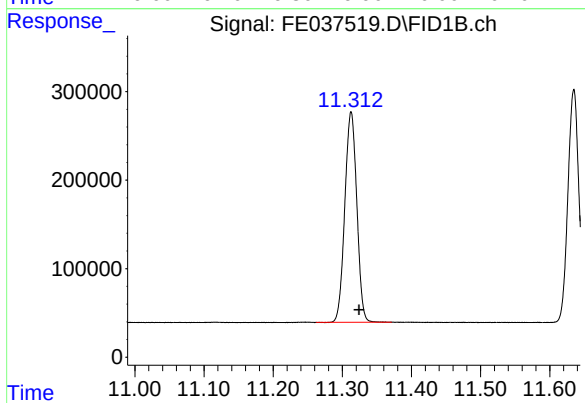
#6 n-Tetradecane (C14)

R.T.: 9.878 min
Delta R.T.: -0.012 min
Response: 2893233
Conc: 18.26 ug/ml



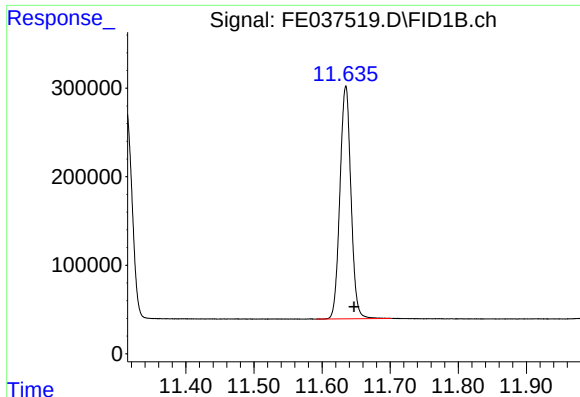
#7 n-Hexadecane (C16)

R.T.: 9.878 min
Delta R.T.: -0.012 min
Response: 2893233
Conc: 18.26 ug/ml



#8 n-Octadecane (C18)

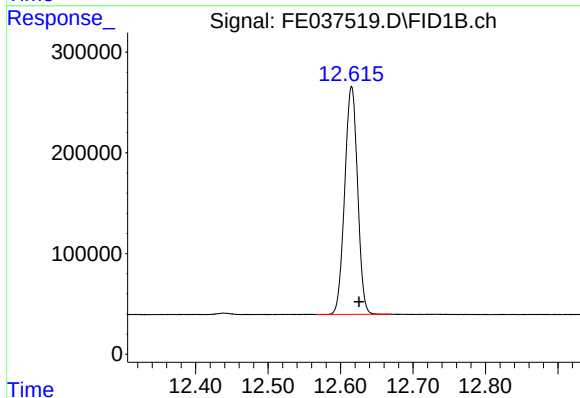
R.T.: 11.313 min
Delta R.T.: -0.011 min
Response: 2865383
Conc: 17.99 ug/ml



#9 ortho-Terphenyl (SURR)

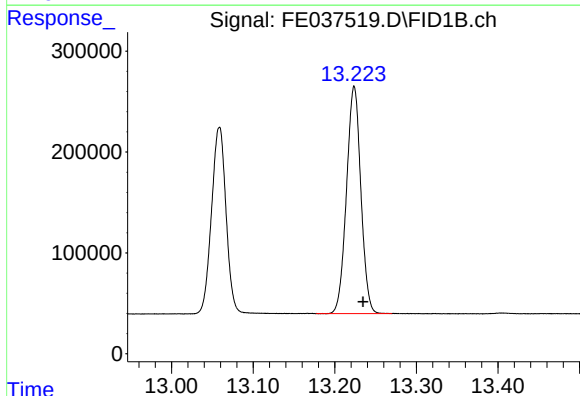
R.T.: 11.635 min
Delta R.T.: -0.012 min
Response: 2951972
Conc: 17.47 ug/ml

Instrument :
FID_E
ClientSampleId :



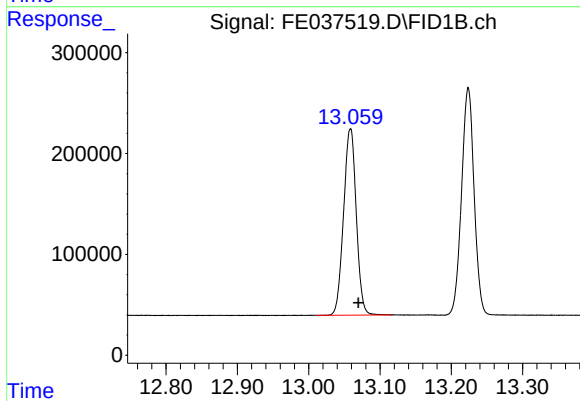
#10 n-Eicosane (C20)

R.T.: 12.615 min
Delta R.T.: -0.010 min
Response: 2798234
Conc: 17.69 ug/ml



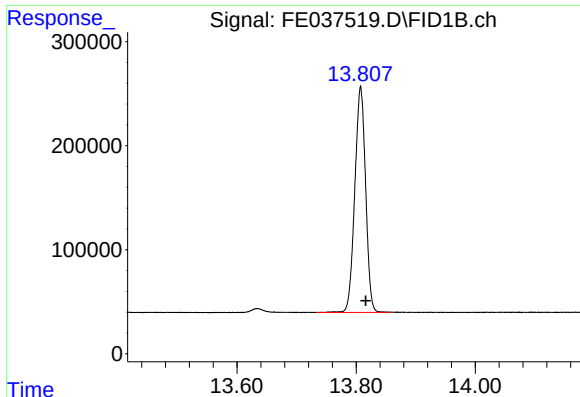
#11 n-Heneicosane (C21)

R.T.: 13.224 min
Delta R.T.: -0.011 min
Response: 2754405
Conc: 17.47 ug/ml



#12 1-chlorooctadecane (SURR)

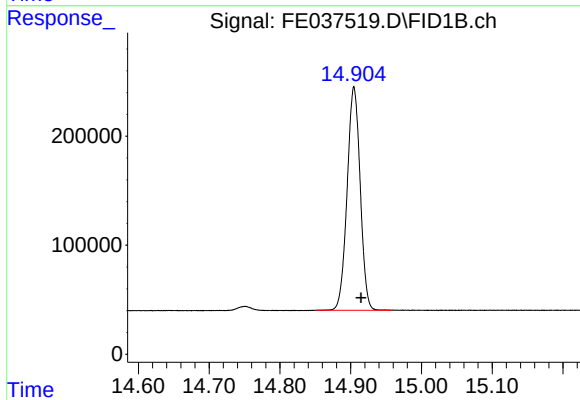
R.T.: 13.059 min
Delta R.T.: -0.011 min
Response: 2281270
Conc: 17.73 ug/ml



#13 n-Docosane (C22)

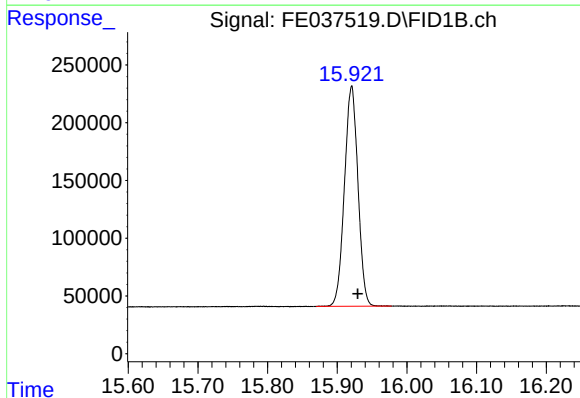
R.T.: 13.808 min
Delta R.T.: -0.009 min
Response: 2727471
Conc: 17.52 ug/ml

Instrument :
FID_E
ClientSampleId :



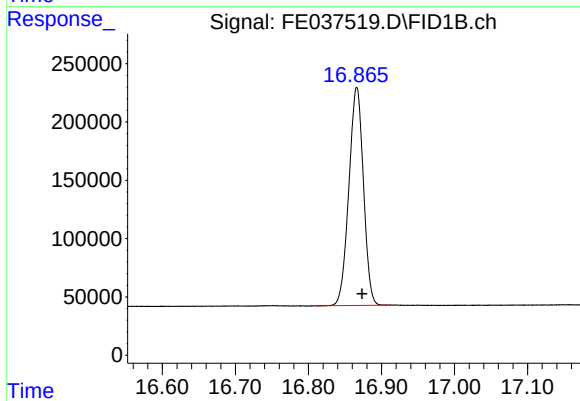
#14 n-Tetracosane (C24)

R.T.: 14.905 min
Delta R.T.: -0.010 min
Response: 2630147
Conc: 17.49 ug/ml



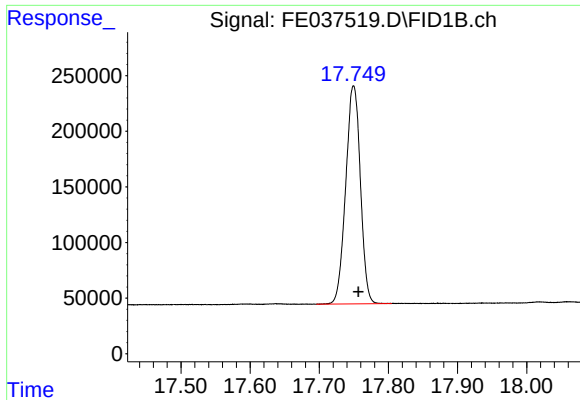
#15 n-Hexacosane (C26)

R.T.: 15.921 min
Delta R.T.: -0.009 min
Response: 2566926
Conc: 17.73 ug/ml



#16 n-Octacosane (C28)

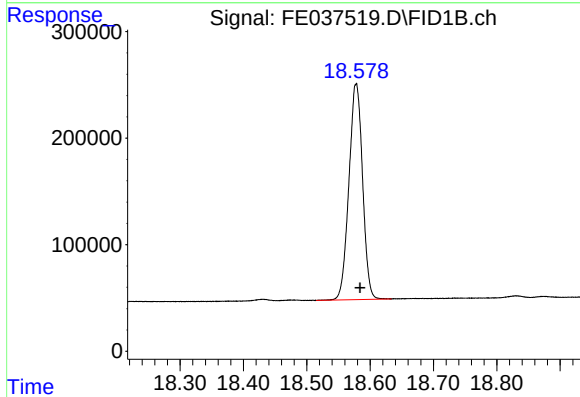
R.T.: 16.866 min
Delta R.T.: -0.007 min
Response: 2591930
Conc: 18.71 ug/ml



#17 n-Tricontane (C30)

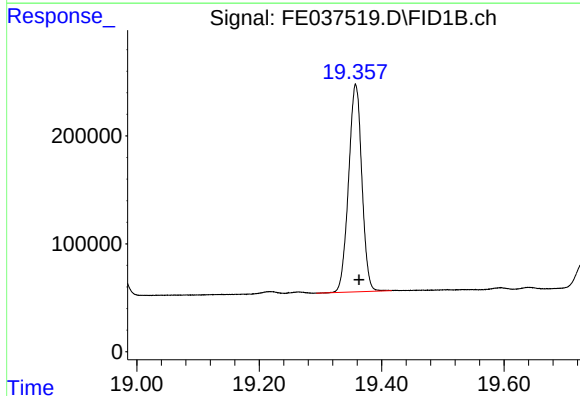
R.T.: 17.750 min
Delta R.T.: -0.007 min
Response: 2889459
Conc: 21.24 ug/ml

Instrument :
FID_E
ClientSampleId :



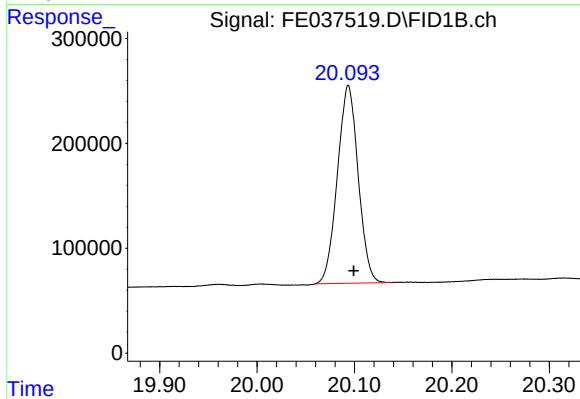
#18 n-Dotriacontane (C32)

R.T.: 18.578 min
Delta R.T.: -0.006 min
Response: 3032972
Conc: 22.71 ug/ml



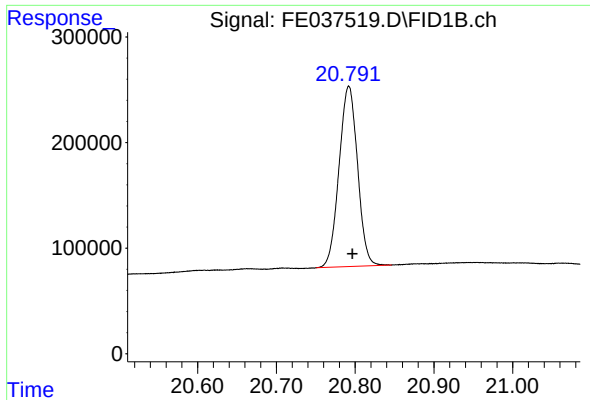
#19 n-Tetratriacontane (C34)

R.T.: 19.358 min
Delta R.T.: -0.006 min
Response: 2894562
Conc: 22.88 ug/ml



#20 n-Hexatriacontane (C36)

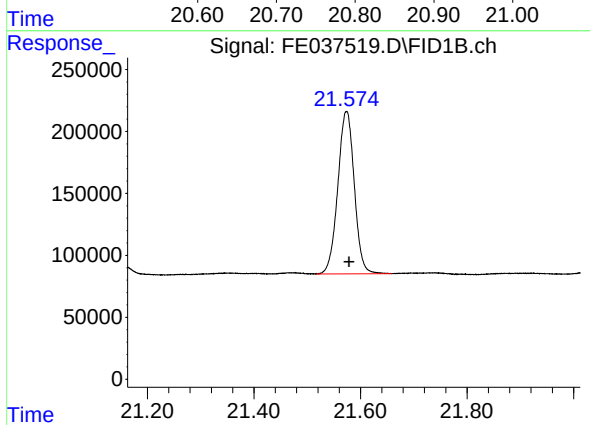
R.T.: 20.094 min
Delta R.T.: -0.006 min
Response: 2793460
Conc: 21.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.792 min
Delta R.T.: -0.005 min
Response: 2781602
Conc: 22.35 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.574 min
Delta R.T.: -0.004 min
Response: 2813059
Conc: 21.82 ug/ml