

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081822AL\
 Data File : FE037172.D
 Signal(s) : FID1B.ch
 Acq On : 18 Aug 2022 20:32
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 19 04:29:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081222.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 12 07:36:15 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)	11.813	3306061	17.974 ug/ml
Spiked Amount 50.000		Recovery =	35.95%
12) S 1-chlorooctadecane (S...	13.252	2590071	17.747 ug/ml
Spiked Amount 50.000		Recovery =	35.49%
Target Compounds			
1) T n-Nonane (C9)	3.207	2990006	19.453 ug/ml
2) T n-Decane (C10)	4.461	2989720	19.561 ug/ml
3) T A~Naphthalene (C11.7)	6.162	3178268	19.316 ug/ml
4) T n-Dodecane (C12)	6.629	3026729	19.380 ug/ml
5) T A~2-methylnaphthalene...	7.258	3114616	19.190 ug/ml
6) T n-Tetradecane (C14)	8.455	3018063	19.098 ug/ml
7) T n-Hexadecane (C16)	10.060	3008128	18.914 ug/ml
8) T n-Octadecane (C18)	11.502	3041986	18.528 ug/ml
10) T n-Eicosane (C20)	12.810	2968648	18.082 ug/ml
11) T n-Heneicosane (C21)	13.421	2940748	17.893 ug/ml
13) T n-Docosane (C22)	14.007	2883124	17.720 ug/ml
14) T n-Tetracosane (C24)	15.108	2802225	17.338 ug/ml
15) T n-Hexacosane (C26)	16.128	2704246	17.048 ug/ml
16) T n-Octacosane (C28)	17.077	2671224	17.186 ug/ml
17) T n-Tricontane (C30)	17.965	2620551	17.969 ug/ml
18) T n-Dotriacontane (C32)	18.797	2215060	19.061 ug/ml
19) T n-Tetratriacontane (C34)	19.582	1643169	19.940 ug/ml
20) T n-Hexatriacontane (C36)	20.320	1257701	20.819 ug/ml
21) T n-Octatriacontane (C38)	21.040	1088707	21.347 ug/ml
22) T n-Tetracontane (C40)	21.911	1056038	21.941 ug/ml

(f)=RT Delta > 1/2 Window

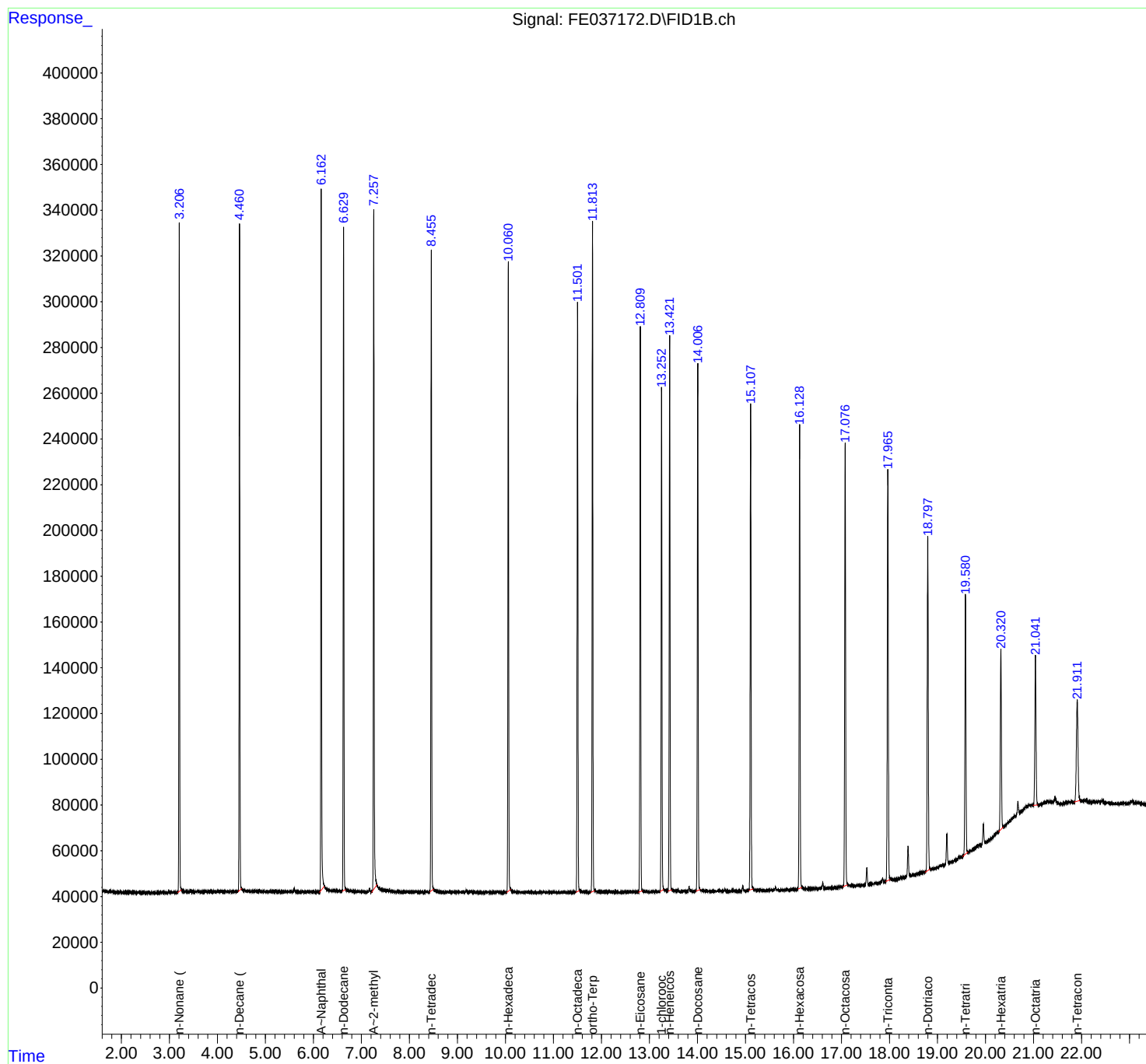
(m)=manual int.

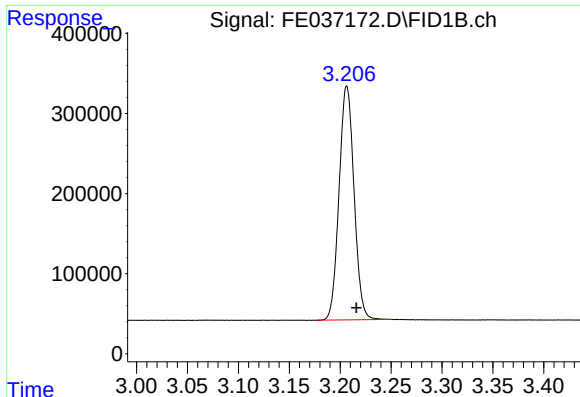
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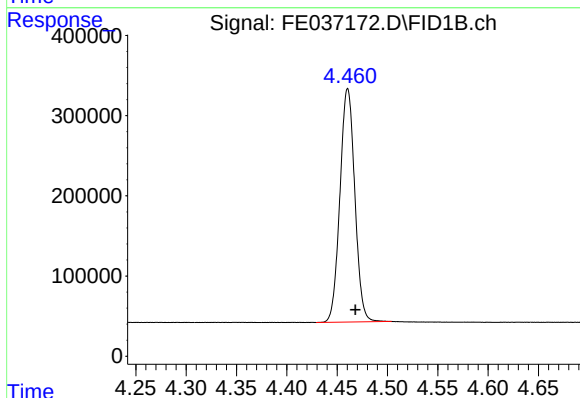




#1 n-Nonane (C9)

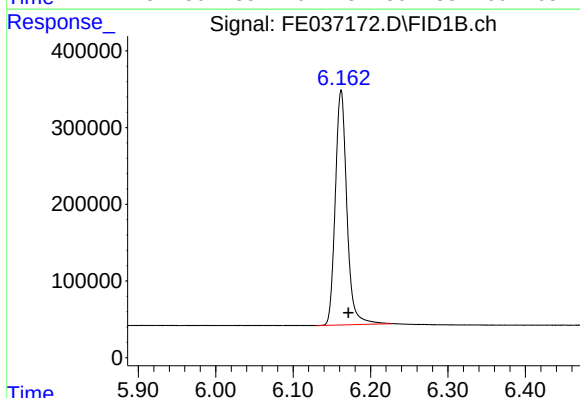
R.T.: 3.207 min
Delta R.T.: -0.009 min
Response: 2990006
Conc: 19.45 ug/ml

Instrument :
FID_E
ClientSampleId :



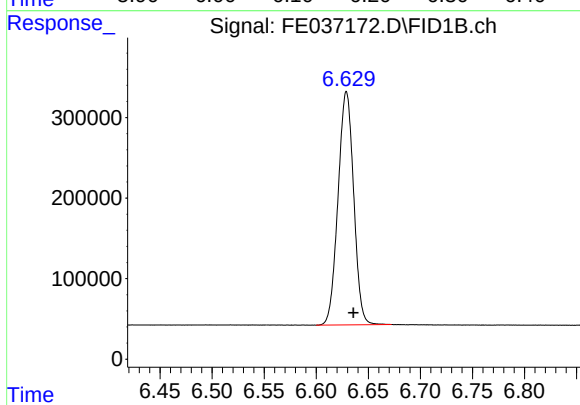
#2 n-Decane (C10)

R.T.: 4.461 min
Delta R.T.: -0.008 min
Response: 2989720
Conc: 19.56 ug/ml



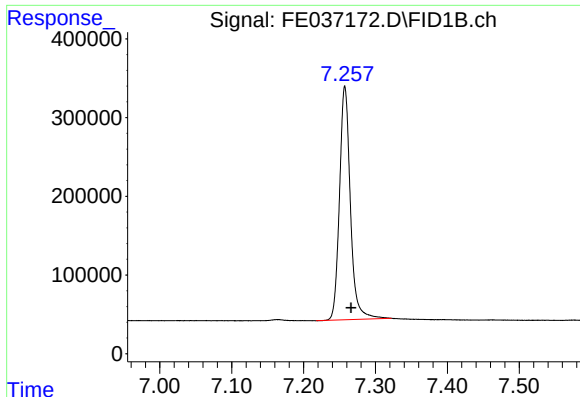
#3 A~Naphthalene (C11.7)

R.T.: 6.162 min
Delta R.T.: -0.009 min
Response: 3178268
Conc: 19.32 ug/ml



#4 n-Dodecane (C12)

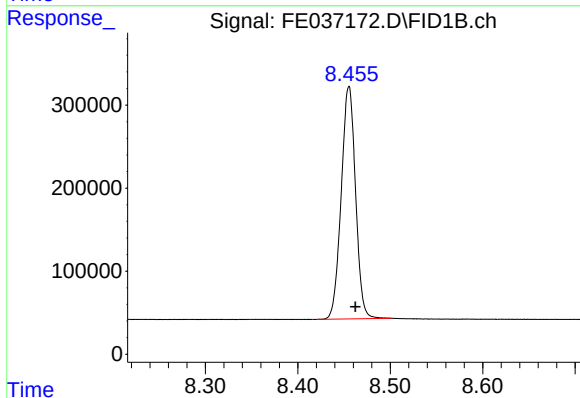
R.T.: 6.629 min
Delta R.T.: -0.007 min
Response: 3026729
Conc: 19.38 ug/ml



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

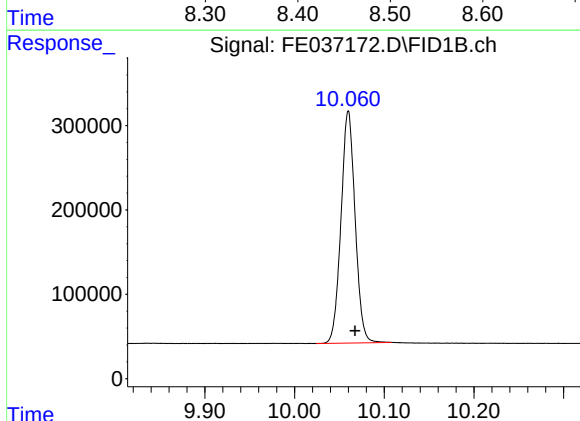
R.T.: 7.258 min
Delta R.T.: -0.009 min
Response: 3114616
Conc: 19.19 ug/ml

Instrument :
FID_E
ClientSampleId :



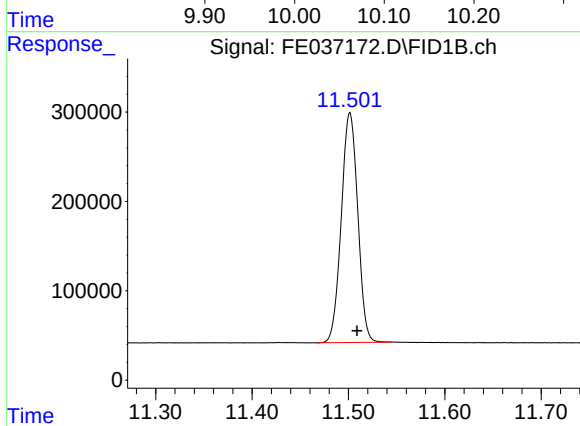
#6 n-Tetradecane (C14)

R.T.: 8.455 min
Delta R.T.: -0.007 min
Response: 3018063
Conc: 19.10 ug/ml



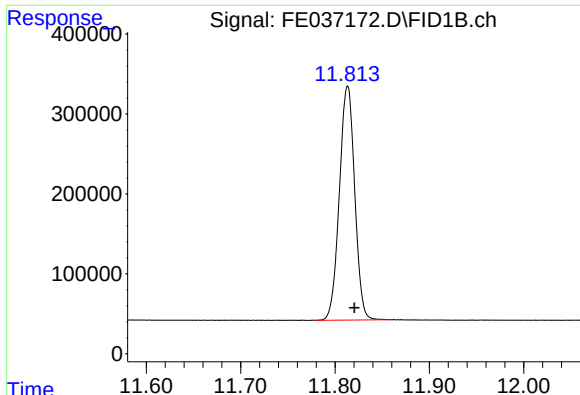
#7 n-Hexadecane (C16)

R.T.: 10.060 min
Delta R.T.: -0.008 min
Response: 3008128
Conc: 18.91 ug/ml



#8 n-Octadecane (C18)

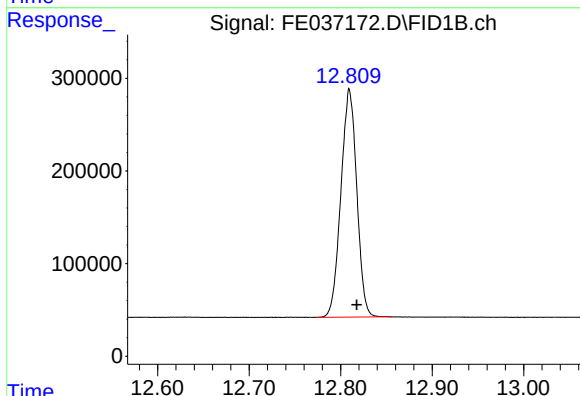
R.T.: 11.502 min
Delta R.T.: -0.008 min
Response: 3041986
Conc: 18.53 ug/ml



#9 ortho-Terphenyl (SURR)

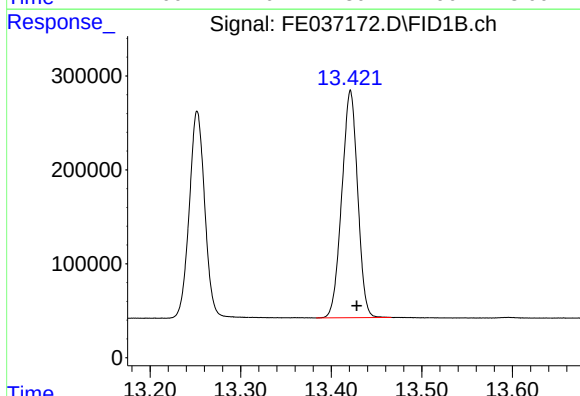
R.T.: 11.813 min
Delta R.T.: -0.007 min
Response: 3306061
Conc: 17.97 ug/ml

Instrument :
FID_E
ClientSampleId :



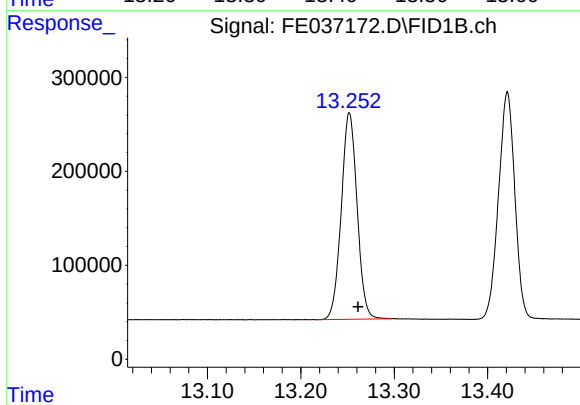
#10 n-Eicosane (C20)

R.T.: 12.810 min
Delta R.T.: -0.008 min
Response: 2968648
Conc: 18.08 ug/ml



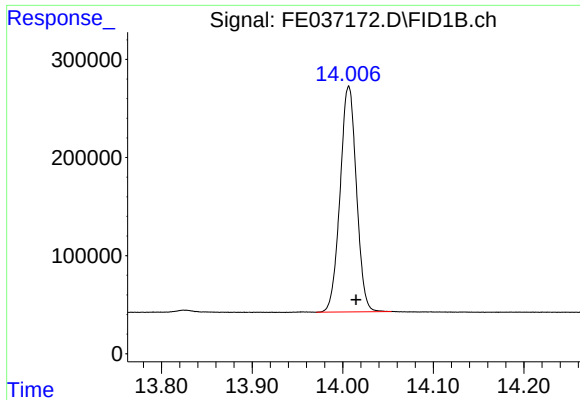
#11 n-Heneicosane (C21)

R.T.: 13.421 min
Delta R.T.: -0.007 min
Response: 2940748
Conc: 17.89 ug/ml



#12 1-chlorooctadecane (SURR)

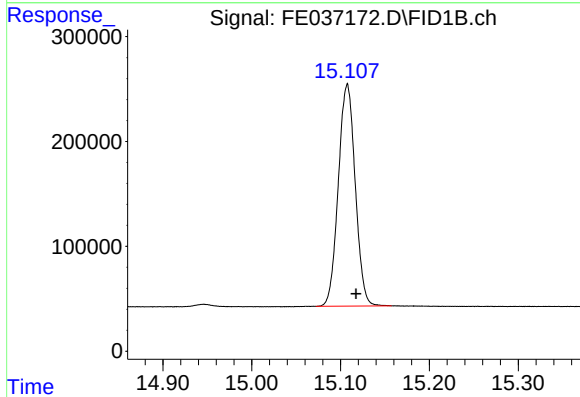
R.T.: 13.252 min
Delta R.T.: -0.009 min
Response: 2590071
Conc: 17.75 ug/ml



#13 n-Docosane (C22)

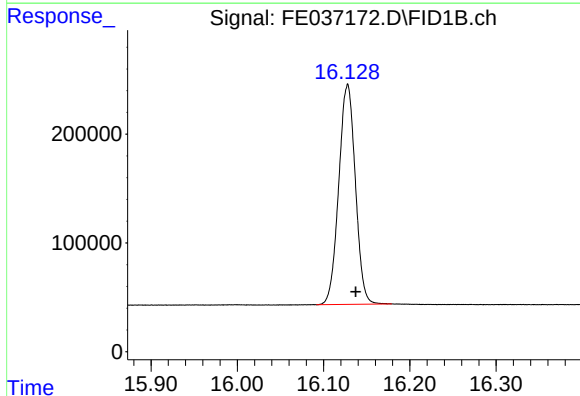
R.T.: 14.007 min
Delta R.T.: -0.008 min
Response: 2883124
Conc: 17.72 ug/ml

Instrument :
FID_E
ClientSampleId :



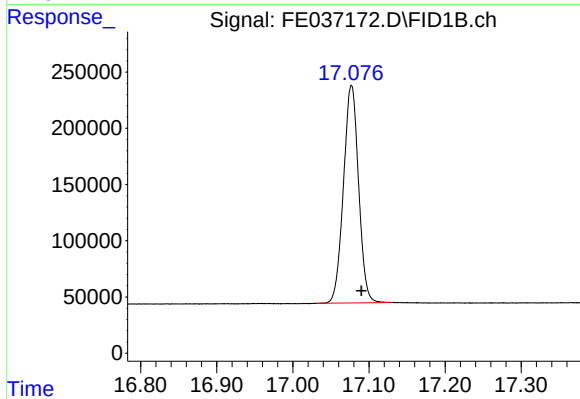
#14 n-Tetracosane (C24)

R.T.: 15.108 min
Delta R.T.: -0.010 min
Response: 2802225
Conc: 17.34 ug/ml



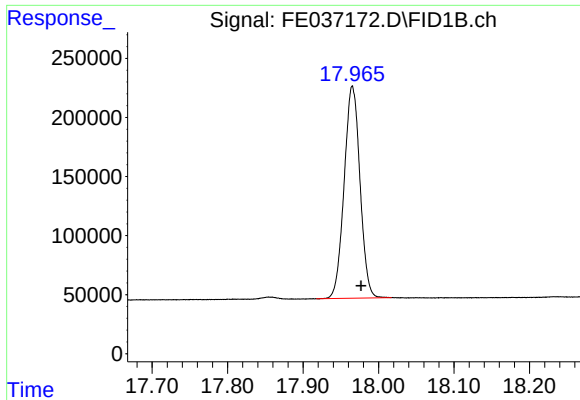
#15 n-Hexacosane (C26)

R.T.: 16.128 min
Delta R.T.: -0.009 min
Response: 2704246
Conc: 17.05 ug/ml



#16 n-Octacosane (C28)

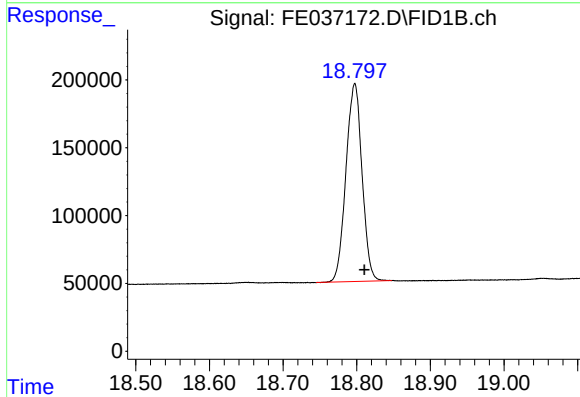
R.T.: 17.077 min
Delta R.T.: -0.013 min
Response: 2671224
Conc: 17.19 ug/ml



#17 n-Tricontane (C30)

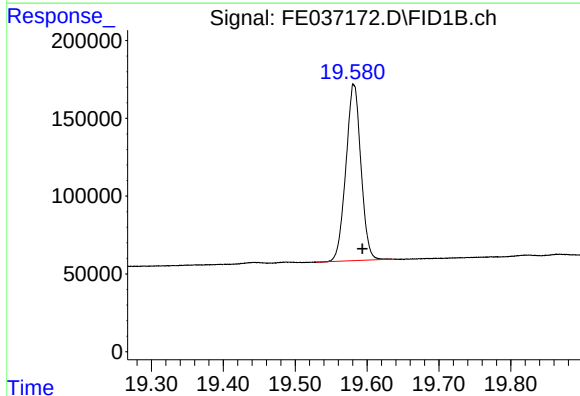
R.T.: 17.965 min
Delta R.T.: -0.012 min
Response: 2620551
Conc: 17.97 ug/ml

Instrument :
FID_E
ClientSampleId :



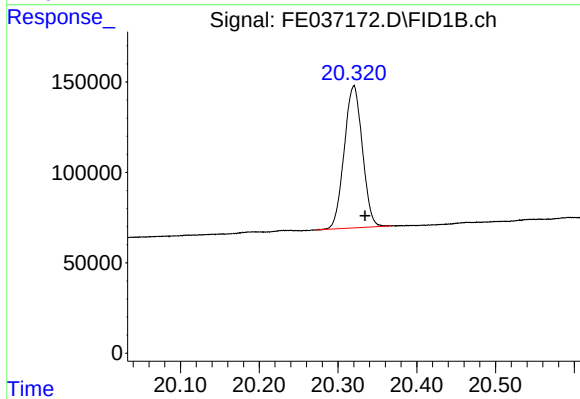
#18 n-Dotriacontane (C32)

R.T.: 18.797 min
Delta R.T.: -0.013 min
Response: 2215060
Conc: 19.06 ug/ml



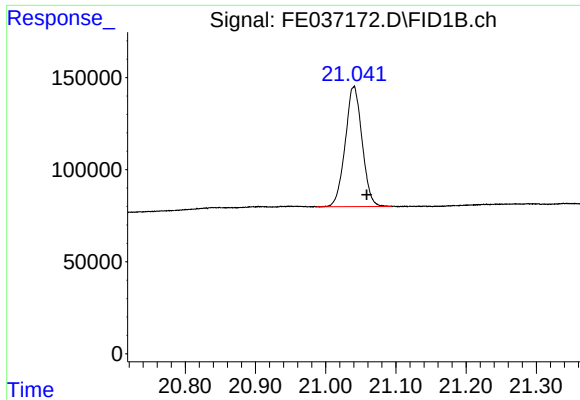
#19 n-Tetratriacontane (C34)

R.T.: 19.582 min
Delta R.T.: -0.012 min
Response: 1643169
Conc: 19.94 ug/ml



#20 n-Hexatriacontane (C36)

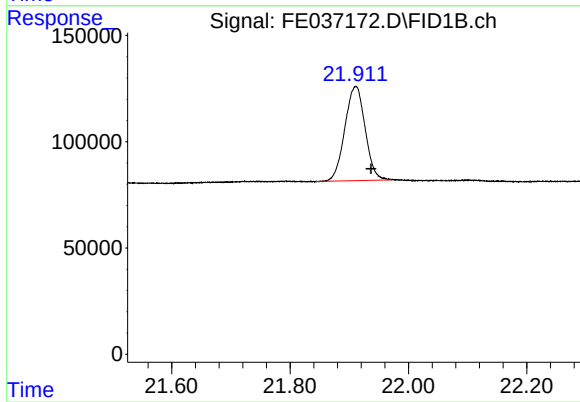
R.T.: 20.320 min
Delta R.T.: -0.014 min
Response: 1257701
Conc: 20.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.040 min
Delta R.T.: -0.018 min
Response: 1088707
Conc: 21.35 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.911 min
Delta R.T.: -0.025 min
Response: 1056038
Conc: 21.94 ug/ml