

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062323AL\
 Data File : FE042833.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jun 2023 10:40
 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: Jun 23 12:54:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 2023
 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)	11.920	3366902	18.328 ug/ml
Spiked Amount 50.000		Recovery =	36.66%
12) S 1-chlorooctadecane (S...	13.356	2500272	18.372 ug/ml
Spiked Amount 50.000		Recovery =	36.74%
Target Compounds			
1) T n-Nonane (C9)	3.300	2846760	18.429 ug/ml
2) T n-Decane (C10)	4.552	2891425	18.305 ug/ml
3) T A~Naphthalene (C11.7)	6.261	3137251	18.528 ug/ml
4) T n-Dodecane (C12)	6.721	2932141	18.318 ug/ml
5) T A~2-methylnaphthalene...	7.358	2996906	18.484 ug/ml
6) T n-Tetradecane (C14)	8.550	2910422	18.287 ug/ml
7) T n-Hexadecane (C16)	10.158	3014070	18.301 ug/ml
8) T n-Octadecane (C18)	11.600	3047039	18.332 ug/ml
10) T n-Eicosane (C20)	12.911	2913329	18.360 ug/ml
11) T n-Heneicosane (C21)	13.521	2841449	18.366 ug/ml
13) T n-Docosane (C22)	14.109	2799266	18.376 ug/ml
14) T n-Tetracosane (C24)	15.212	2717872	18.318 ug/ml
15) T n-Hexacosane (C26)	16.232	2600816	18.192 ug/ml
16) T n-Octacosane (C28)	17.182	2486726	17.929 ug/ml
17) T n-Tricontane (C30)	18.070	2486448	17.581 ug/ml
18) T n-Dotriacontane (C32)	18.902	2544031	18.138 ug/ml
19) T n-Tetratriacontane (C34)	19.687	2857739	20.883 ug/ml
20) T n-Hexatriacontane (C36)	20.427	2858798	21.376 ug/ml
21) T n-Octatriacontane (C38)	21.167	2701620	19.815 ug/ml
22) T n-Tetracontane (C40)	22.086	2571059	18.480 ug/ml

(f)=RT Delta > 1/2 Window

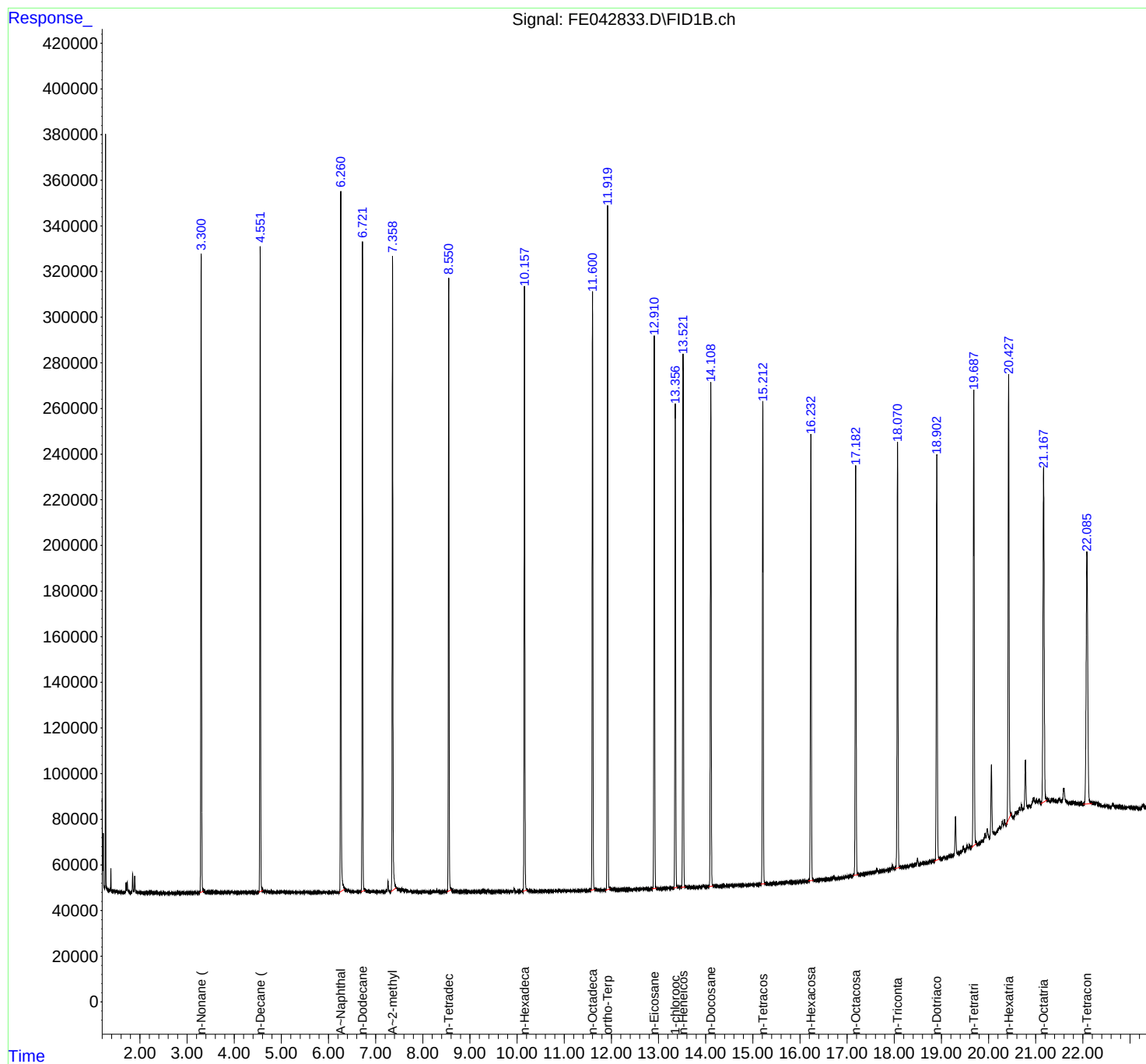
(m)=manual int.

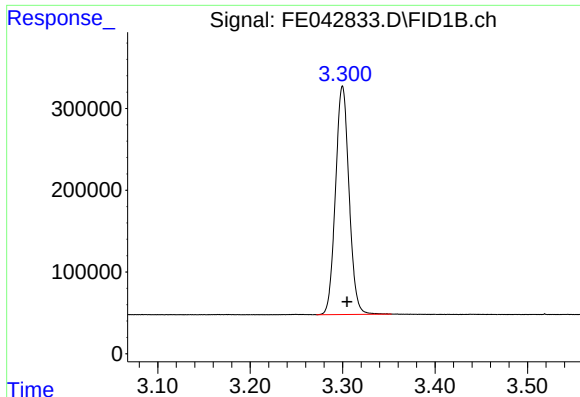
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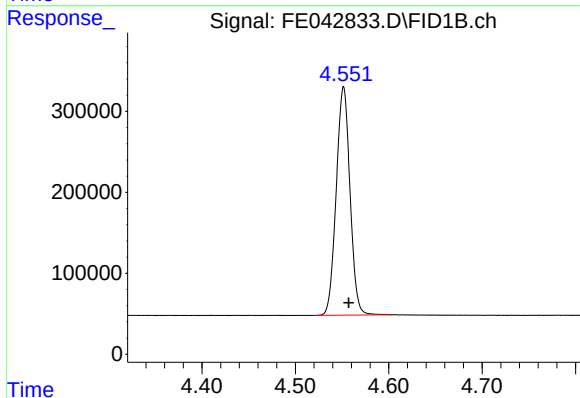




#1 n-Nonane (C9)

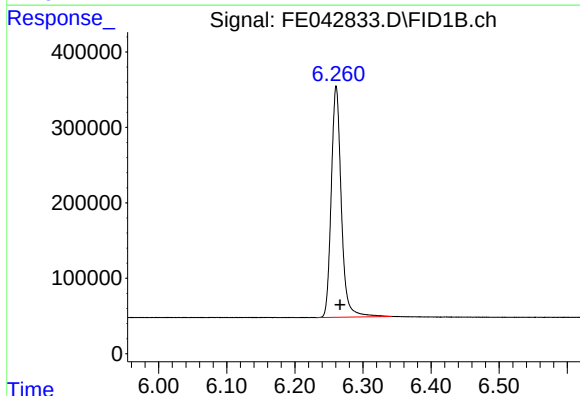
R.T.: 3.300 min
Delta R.T.: -0.005 min
Response: 2846760
Conc: 18.43 ug/ml

Instrument :
FID_E
ClientSampleId :



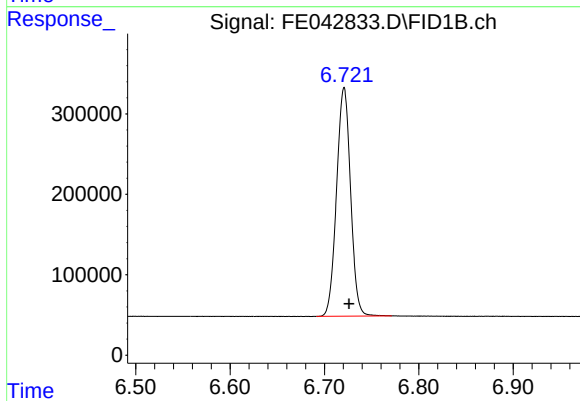
#2 n-Decane (C10)

R.T.: 4.552 min
Delta R.T.: -0.005 min
Response: 2891425
Conc: 18.30 ug/ml



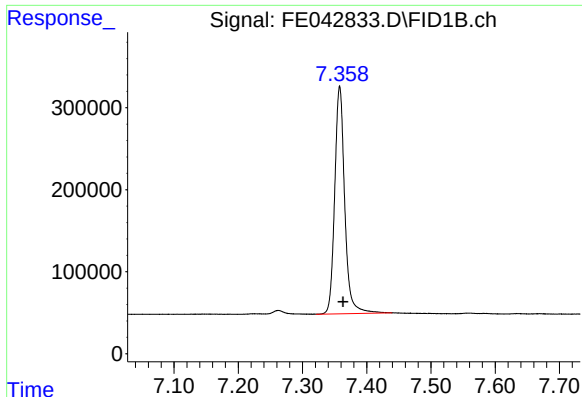
#3 A~Naphthalene (C11.7)

R.T.: 6.261 min
Delta R.T.: -0.006 min
Response: 3137251
Conc: 18.53 ug/ml



#4 n-Dodecane (C12)

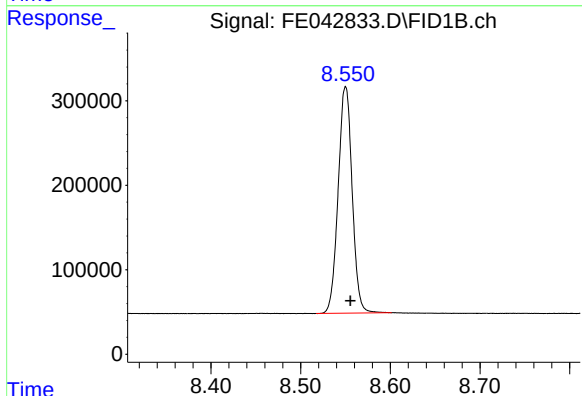
R.T.: 6.721 min
Delta R.T.: -0.005 min
Response: 2932141
Conc: 18.32 ug/ml



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

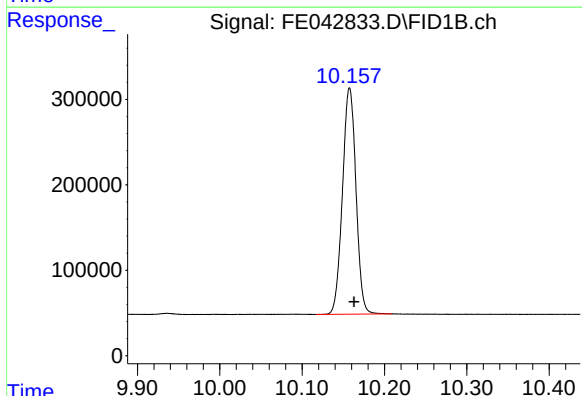
R.T.: 7.358 min
Delta R.T.: -0.005 min
Response: 2996906
Conc: 18.48 ug/ml

Instrument :
FID_E
ClientSampleId :



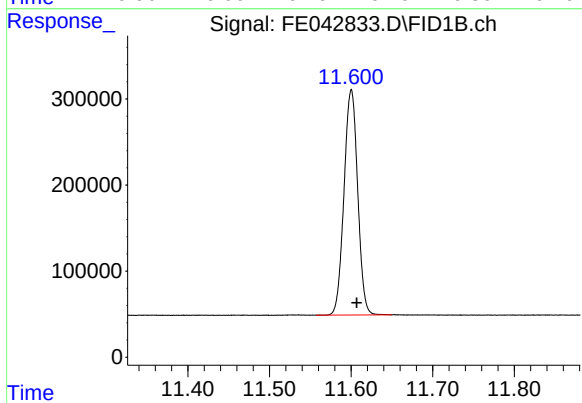
#6 n-Tetradecane (C14)

R.T.: 8.550 min
Delta R.T.: -0.005 min
Response: 2910422
Conc: 18.29 ug/ml



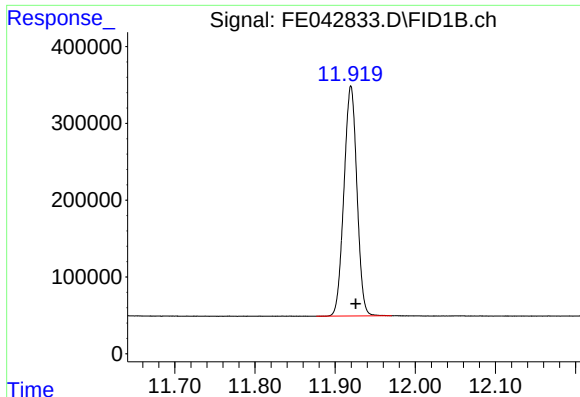
#7 n-Hexadecane (C16)

R.T.: 10.158 min
Delta R.T.: -0.005 min
Response: 3014070
Conc: 18.30 ug/ml



#8 n-Octadecane (C18)

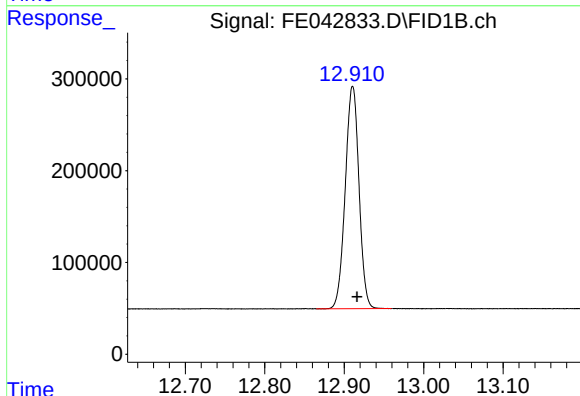
R.T.: 11.600 min
Delta R.T.: -0.006 min
Response: 3047039
Conc: 18.33 ug/ml



#9 ortho-Terphenyl (SURR)

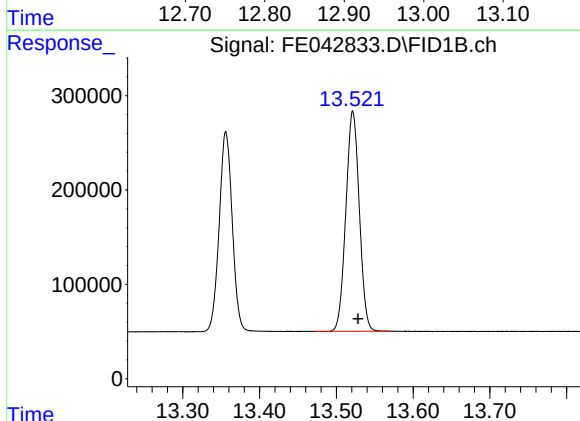
R.T.: 11.920 min
Delta R.T.: -0.006 min
Response: 3366902
Conc: 18.33 ug/ml

Instrument :
FID_E
ClientSampleId :



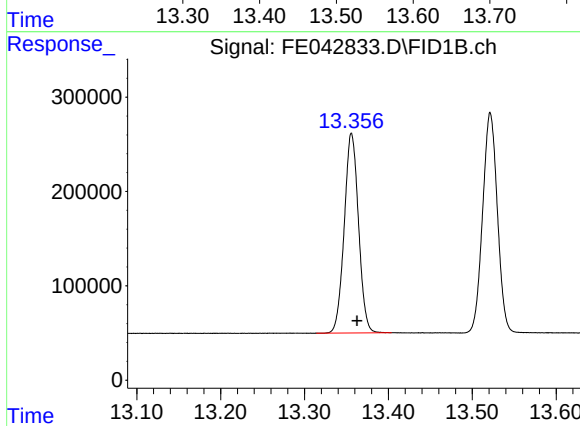
#10 n-Eicosane (C20)

R.T.: 12.911 min
Delta R.T.: -0.006 min
Response: 2913329
Conc: 18.36 ug/ml



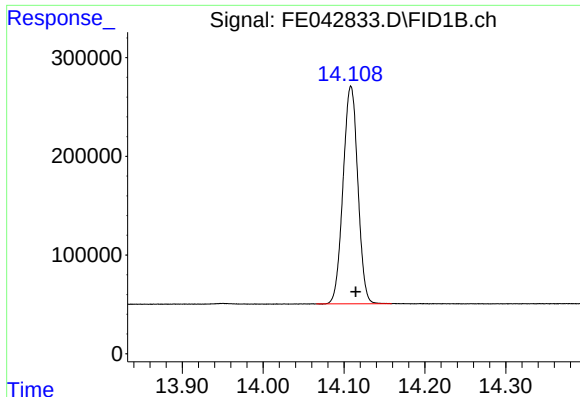
#11 n-Heneicosane (C21)

R.T.: 13.521 min
Delta R.T.: -0.007 min
Response: 2841449
Conc: 18.37 ug/ml



#12 1-chlorooctadecane (SURR)

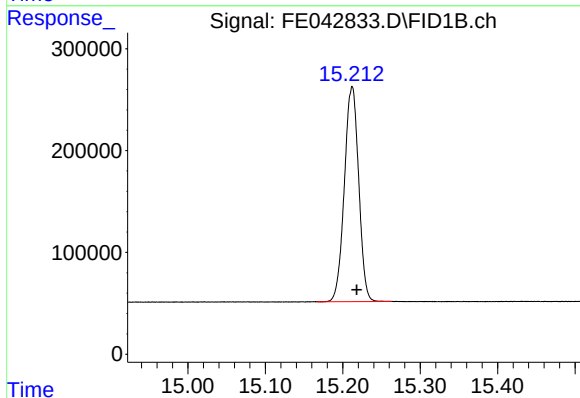
R.T.: 13.356 min
Delta R.T.: -0.007 min
Response: 2500272
Conc: 18.37 ug/ml



#13 n-Docosane (C22)

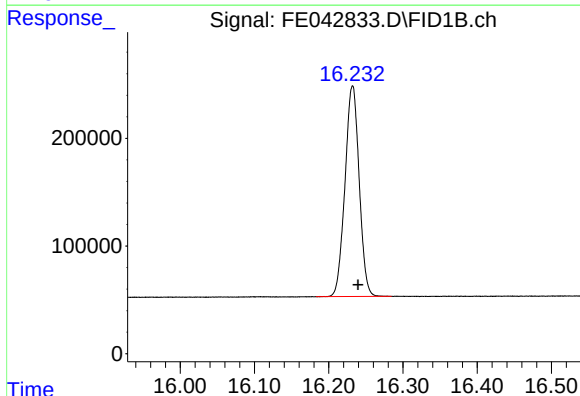
R.T.: 14.109 min
Delta R.T.: -0.006 min
Response: 2799266
Conc: 18.38 ug/ml

Instrument :
FID_E
ClientSampleId :



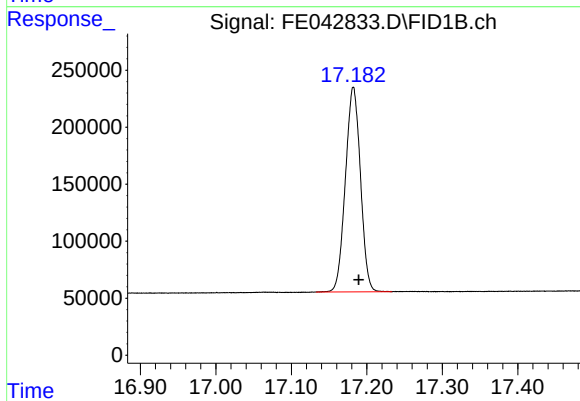
#14 n-Tetracosane (C24)

R.T.: 15.212 min
Delta R.T.: -0.006 min
Response: 2717872
Conc: 18.32 ug/ml



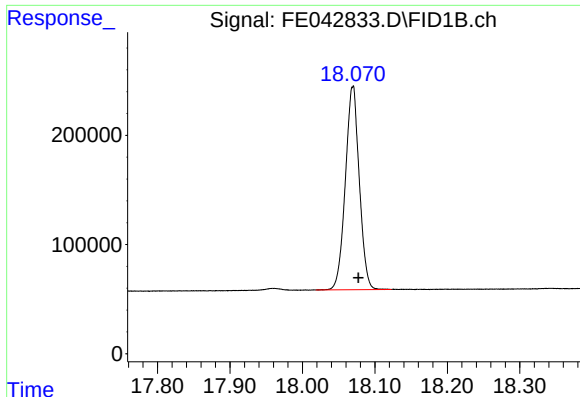
#15 n-Hexacosane (C26)

R.T.: 16.232 min
Delta R.T.: -0.008 min
Response: 2600816
Conc: 18.19 ug/ml



#16 n-Octacosane (C28)

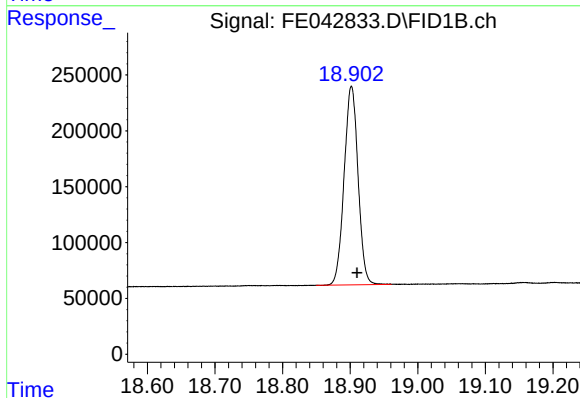
R.T.: 17.182 min
Delta R.T.: -0.007 min
Response: 2486726
Conc: 17.93 ug/ml



#17 n-Tricontane (C30)

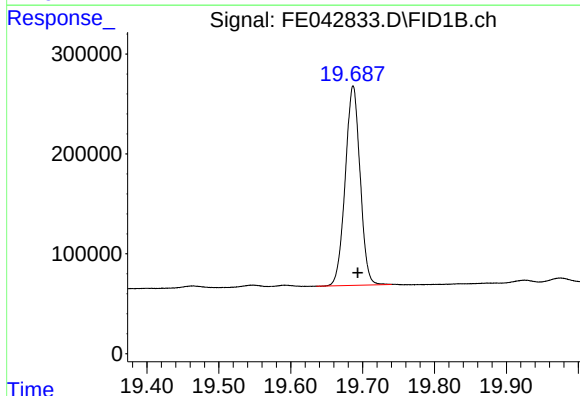
R.T.: 18.070 min
Delta R.T.: -0.008 min
Response: 2486448
Conc: 17.58 ug/ml

Instrument :
FID_E
ClientSampleId :



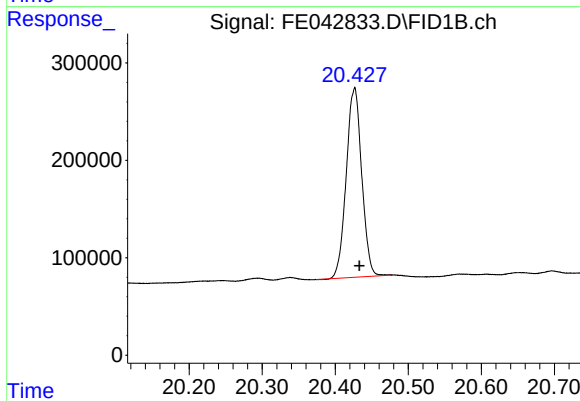
#18 n-Dotriacontane (C32)

R.T.: 18.902 min
Delta R.T.: -0.008 min
Response: 2544031
Conc: 18.14 ug/ml



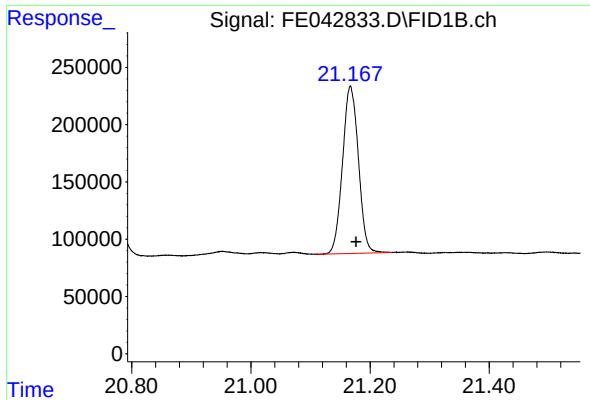
#19 n-Tetratriacontane (C34)

R.T.: 19.687 min
Delta R.T.: -0.006 min
Response: 2857739
Conc: 20.88 ug/ml



#20 n-Hexatriacontane (C36)

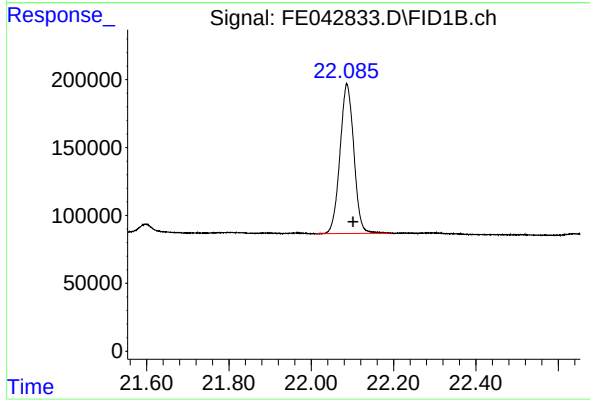
R.T.: 20.427 min
Delta R.T.: -0.007 min
Response: 2858798
Conc: 21.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.167 min
Delta R.T.: -0.010 min
Response: 2701620
Conc: 19.82 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.086 min
Delta R.T.: -0.015 min
Response: 2571059
Conc: 18.48 ug/ml