

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111523AL\
 Data File : FE045365.D
 Signal(s) : FID1B.ch
 Acq On : 15 Nov 2023 14:53
 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: Nov 15 15:54:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 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)	11.878	3680424	19.277 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
12) S 1-chlorooctadecane (S...	13.321	2670028	19.385 ug/ml
Spiked Amount 50.000		Recovery =	38.77%
Target Compounds			
1) T n-Nonane (C9)	3.266	3137086	18.990 ug/ml
2) T n-Decane (C10)	4.517	3263285	19.461 ug/ml
3) T A~Naphthalene (C11.7)	6.217	3450518	19.331 ug/ml
4) T n-Dodecane (C12)	6.683	3305814	19.574 ug/ml
5) T A~2-methylnaphthalene...	7.313	3309558	19.273 ug/ml
6) T n-Tetradecane (C14)	8.509	3253810	19.523 ug/ml
7) T n-Hexadecane (C16)	10.120	3287408	19.544 ug/ml
8) T n-Octadecane (C18)	11.565	3234805	19.327 ug/ml
10) T n-Eicosane (C20)	12.876	3058333	19.307 ug/ml
11) T n-Heneicosane (C21)	13.489	2973320	19.338 ug/ml
13) T n-Docosane (C22)	14.076	2930501	19.341 ug/ml
14) T n-Tetracosane (C24)	15.181	2898662	19.571 ug/ml
15) T n-Hexacosane (C26)	16.205	2869202	19.685 ug/ml
16) T n-Octacosane (C28)	17.156	2944096	20.147 ug/ml
17) T n-Tricontane (C30)	18.046	3177515	20.919 ug/ml
18) T n-Dotriacontane (C32)	18.881	3359678	21.506 ug/ml
19) T n-Tetratriacontane (C34)	19.665	3281831	21.019 ug/ml
20) T n-Hexatriacontane (C36)	20.407	3375606	20.796 ug/ml
21) T n-Octatriacontane (C38)	21.145	3520479	21.189 ug/ml
22) T n-Tetracontane (C40)	22.053	3490548	20.436 ug/ml

(f)=RT Delta > 1/2 Window

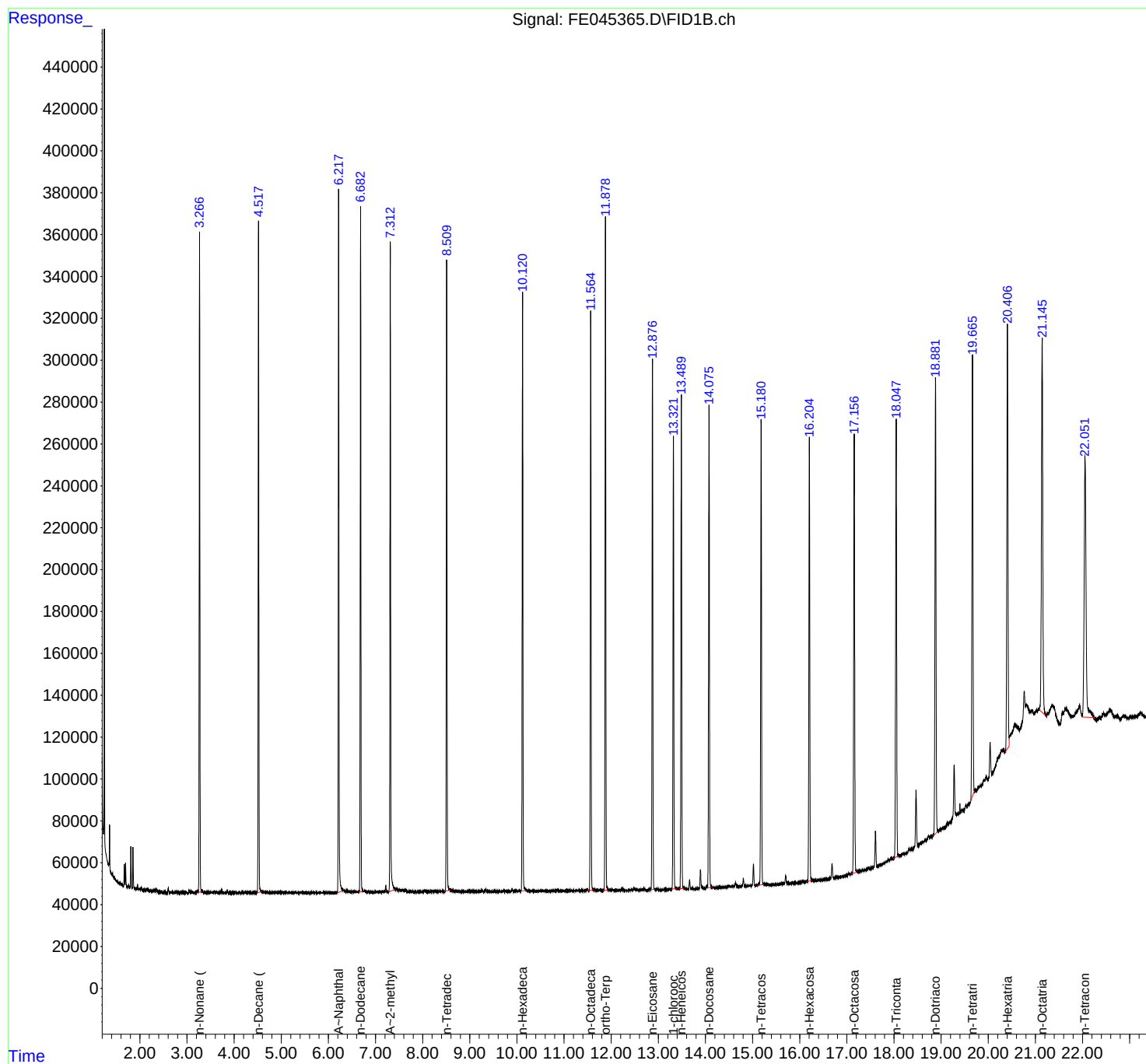
(m)=manual int.

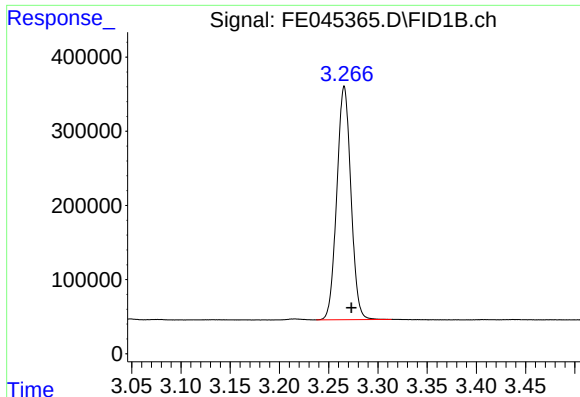
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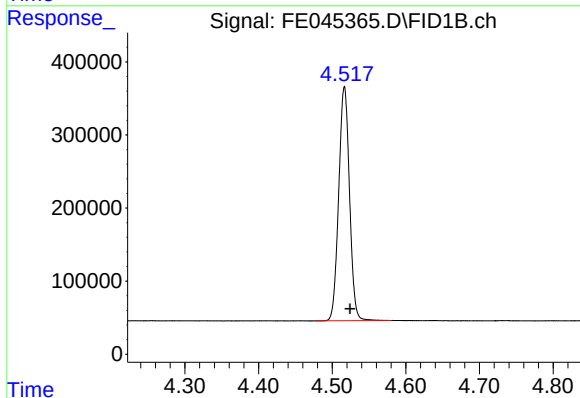




#1 n-Nonane (C9)

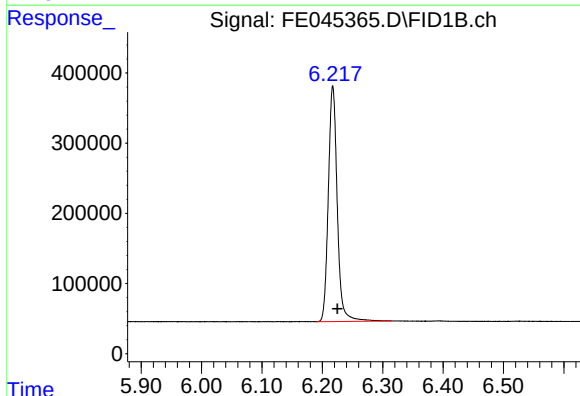
R.T.: 3.266 min
Delta R.T.: -0.007 min
Response: 3137086
Conc: 18.99 ug/ml

Instrument :
FID_E
ClientSampleId :



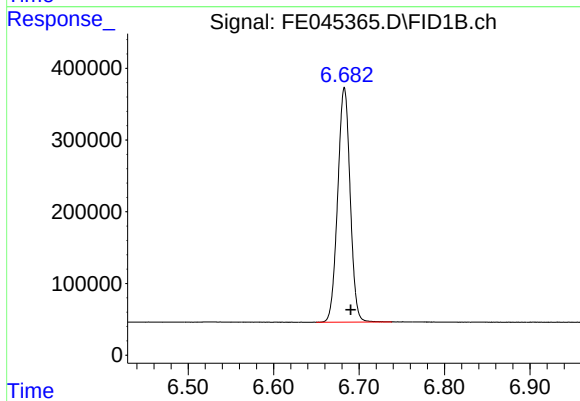
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: -0.008 min
Response: 3263285
Conc: 19.46 ug/ml



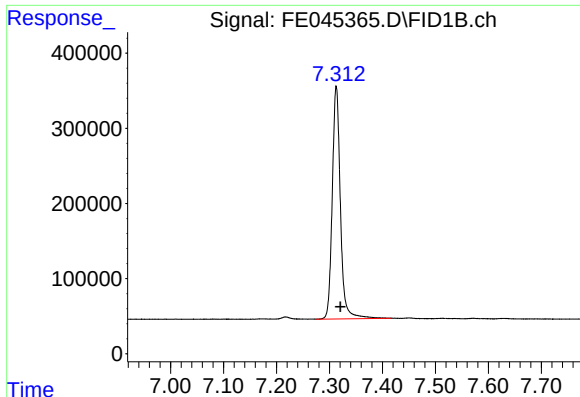
#3 A~Naphthalene (C11.7)

R.T.: 6.217 min
Delta R.T.: -0.007 min
Response: 3450518
Conc: 19.33 ug/ml



#4 n-Dodecane (C12)

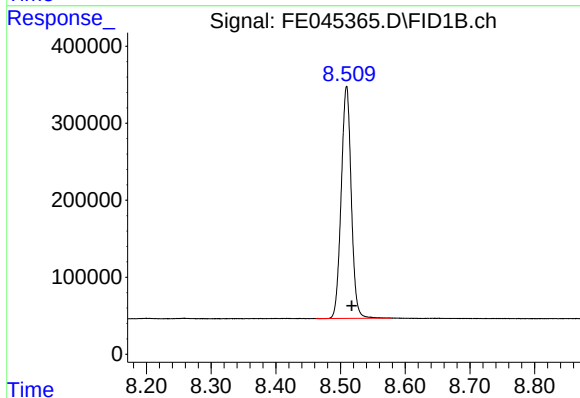
R.T.: 6.683 min
Delta R.T.: -0.007 min
Response: 3305814
Conc: 19.57 ug/ml



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

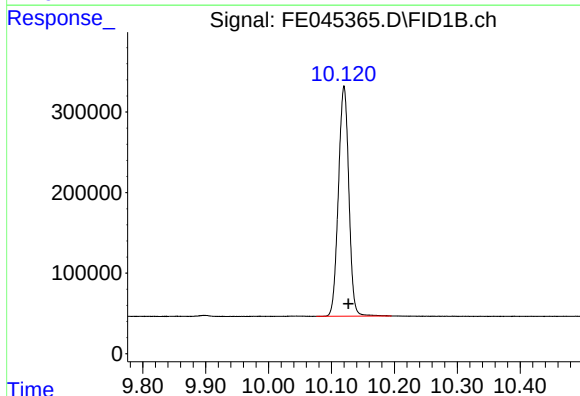
R.T.: 7.313 min
Delta R.T.: -0.008 min
Response: 3309558
Conc: 19.27 ug/ml

Instrument :
FID_E
ClientSampleId :



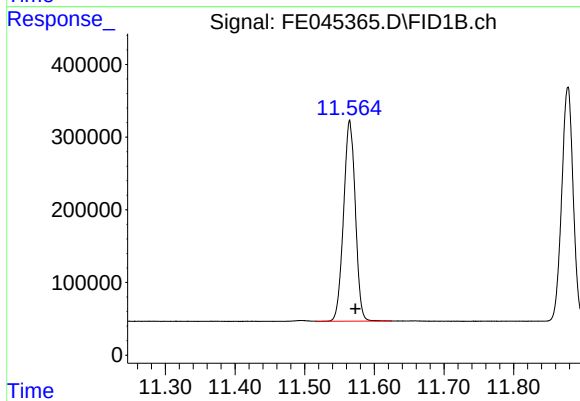
#6 n-Tetradecane (C14)

R.T.: 8.509 min
Delta R.T.: -0.008 min
Response: 3253810
Conc: 19.52 ug/ml



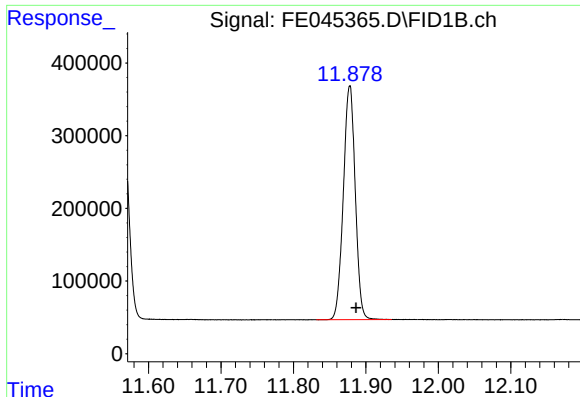
#7 n-Hexadecane (C16)

R.T.: 10.120 min
Delta R.T.: -0.007 min
Response: 3287408
Conc: 19.54 ug/ml



#8 n-Octadecane (C18)

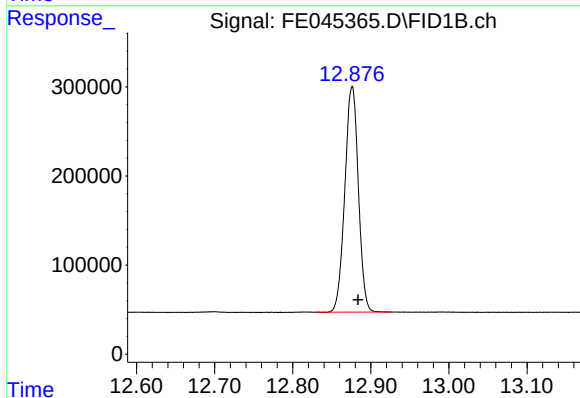
R.T.: 11.565 min
Delta R.T.: -0.008 min
Response: 3234805
Conc: 19.33 ug/ml



#9 ortho-Terphenyl (SURR)

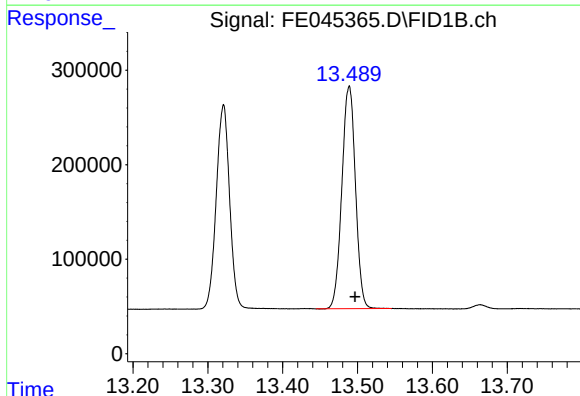
R.T.: 11.878 min
Delta R.T.: -0.009 min
Response: 3680424
Conc: 19.28 ug/ml

Instrument :
FID_E
ClientSampleId :



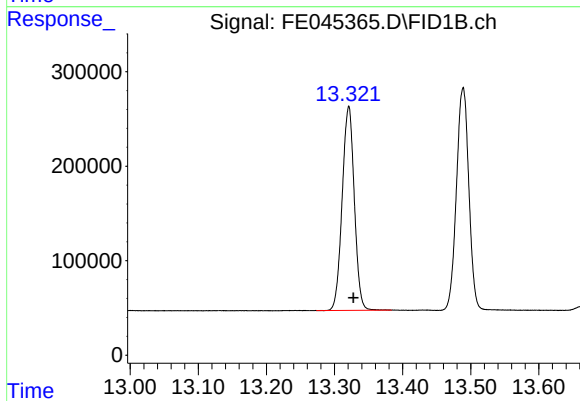
#10 n-Eicosane (C20)

R.T.: 12.876 min
Delta R.T.: -0.008 min
Response: 3058333
Conc: 19.31 ug/ml



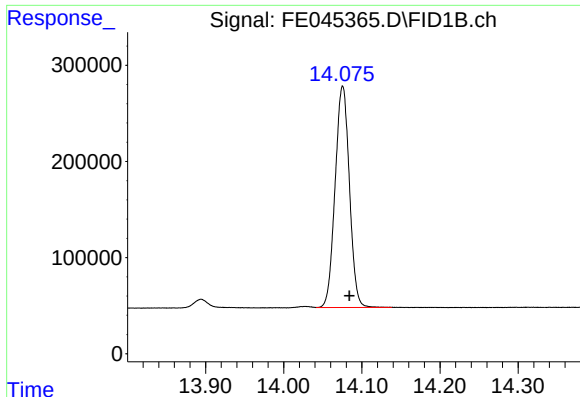
#11 n-Heneicosane (C21)

R.T.: 13.489 min
Delta R.T.: -0.008 min
Response: 2973320
Conc: 19.34 ug/ml



#12 1-chlorooctadecane (SURR)

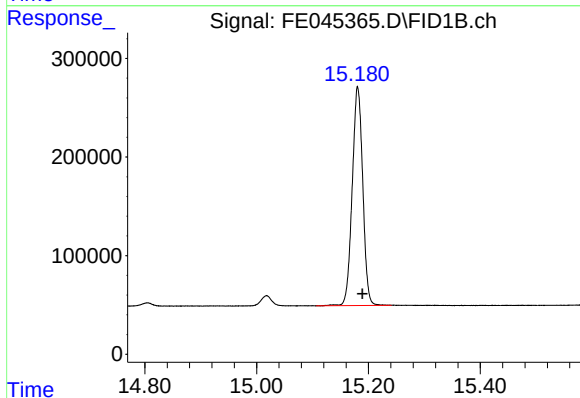
R.T.: 13.321 min
Delta R.T.: -0.007 min
Response: 2670028
Conc: 19.38 ug/ml



#13 n-Docosane (C22)

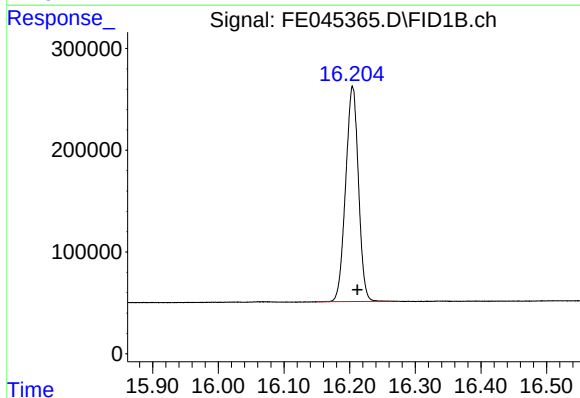
R.T.: 14.076 min
Delta R.T.: -0.008 min
Response: 2930501
Conc: 19.34 ug/ml

Instrument :
FID_E
ClientSampleId :



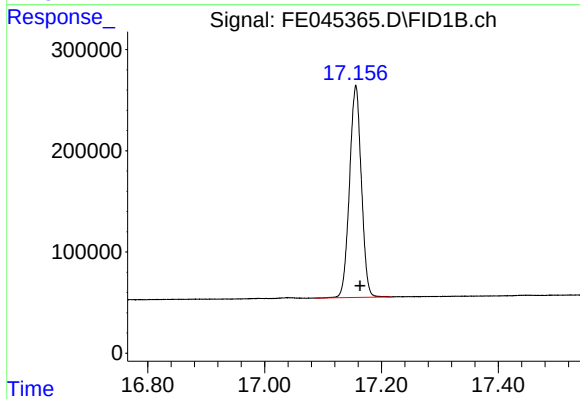
#14 n-Tetracosane (C24)

R.T.: 15.181 min
Delta R.T.: -0.008 min
Response: 2898662
Conc: 19.57 ug/ml



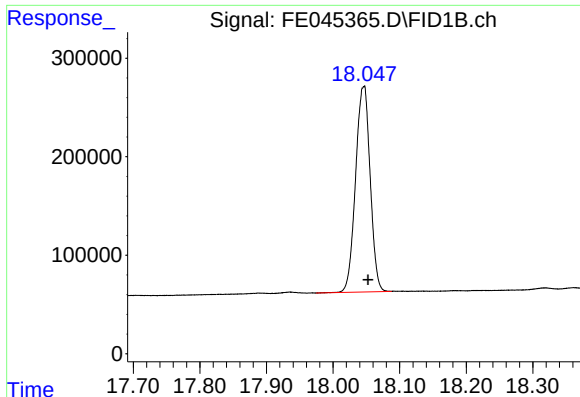
#15 n-Hexacosane (C26)

R.T.: 16.205 min
Delta R.T.: -0.007 min
Response: 2869202
Conc: 19.69 ug/ml



#16 n-Octacosane (C28)

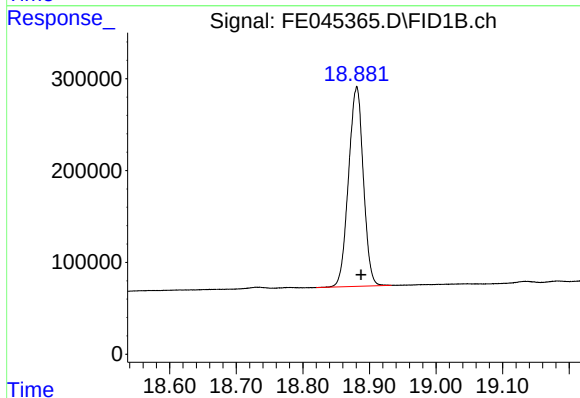
R.T.: 17.156 min
Delta R.T.: -0.007 min
Response: 2944096
Conc: 20.15 ug/ml



#17 n-Tricontane (C30)

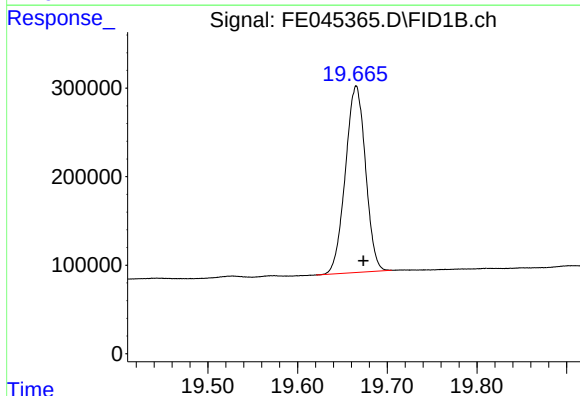
R.T.: 18.046 min
Delta R.T.: -0.007 min
Response: 3177515
Conc: 20.92 ug/ml

Instrument :
FID_E
ClientSampleId :



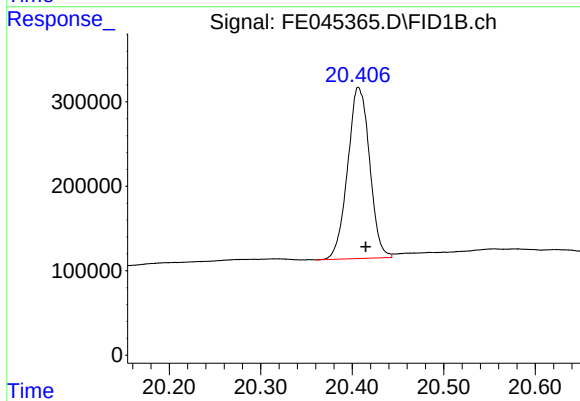
#18 n-Dotriacontane (C32)

R.T.: 18.881 min
Delta R.T.: -0.007 min
Response: 3359678
Conc: 21.51 ug/ml



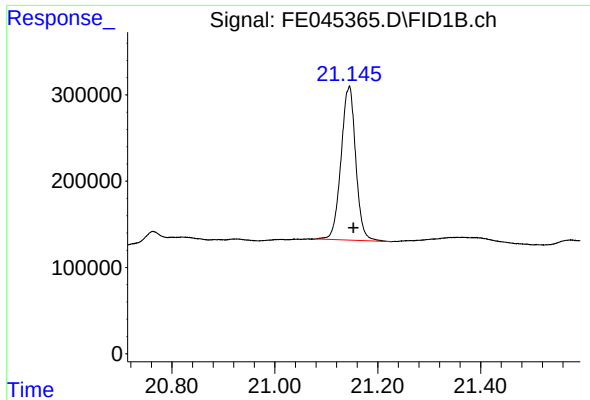
#19 n-Tetratriacontane (C34)

R.T.: 19.665 min
Delta R.T.: -0.008 min
Response: 3281831
Conc: 21.02 ug/ml



#20 n-Hexatriacontane (C36)

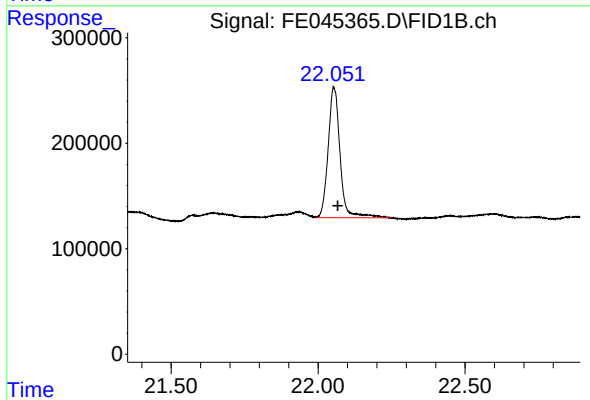
R.T.: 20.407 min
Delta R.T.: -0.008 min
Response: 3375606
Conc: 20.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.145 min
Delta R.T.: -0.007 min
Response: 3520479
Conc: 21.19 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.053 min
Delta R.T.: -0.015 min
Response: 3490548
Conc: 20.44 ug/ml