

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072223AL\
 Data File : FE043458.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jul 2023 01:40
 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: Jul 24 02:46:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 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)	11.885	3762103	21.010 ug/ml
Spiked Amount 50.000		Recovery =	42.02%
12) S 1-chlorooctadecane (S...	13.322	2771948	21.096 ug/ml
Spiked Amount 50.000		Recovery =	42.19%
Target Compounds			
1) T n-Nonane (C9)	3.266	3158660	20.688 ug/ml
2) T n-Decane (C10)	4.518	3261931	20.924 ug/ml
3) T A~Naphthalene (C11.7)	6.228	3378916	20.998 ug/ml
4) T n-Dodecane (C12)	6.688	3296071	20.918 ug/ml
5) T A~2-methylnaphthalene...	7.325	3201929	21.101 ug/ml
6) T n-Tetradecane (C14)	8.517	3277887	20.724 ug/ml
7) T n-Hexadecane (C16)	10.124	3377232	20.868 ug/ml
8) T n-Octadecane (C18)	11.566	3414449	20.945 ug/ml
10) T n-Eicosane (C20)	12.876	3266527	21.024 ug/ml
11) T n-Heneicosane (C21)	13.488	3186063	21.030 ug/ml
13) T n-Docosane (C22)	14.074	3143689	21.035 ug/ml
14) T n-Tetracosane (C24)	15.177	3081121	20.980 ug/ml
15) T n-Hexacosane (C26)	16.198	3009330	21.129 ug/ml
16) T n-Octacosane (C28)	17.147	2973742	21.135 ug/ml
17) T n-Tricontane (C30)	18.035	3121017	21.186 ug/ml
18) T n-Dotriacontane (C32)	18.867	3157470	21.308 ug/ml
19) T n-Tetratriacontane (C34)	19.652	3064711	21.235 ug/ml
20) T n-Hexatriacontane (C36)	20.390	2937297	19.985 ug/ml
21) T n-Octatriacontane (C38)	21.126	2905044	20.365 ug/ml
22) T n-Tetracontane (C40)	22.032	2896159	19.624 ug/ml

(f)=RT Delta > 1/2 Window

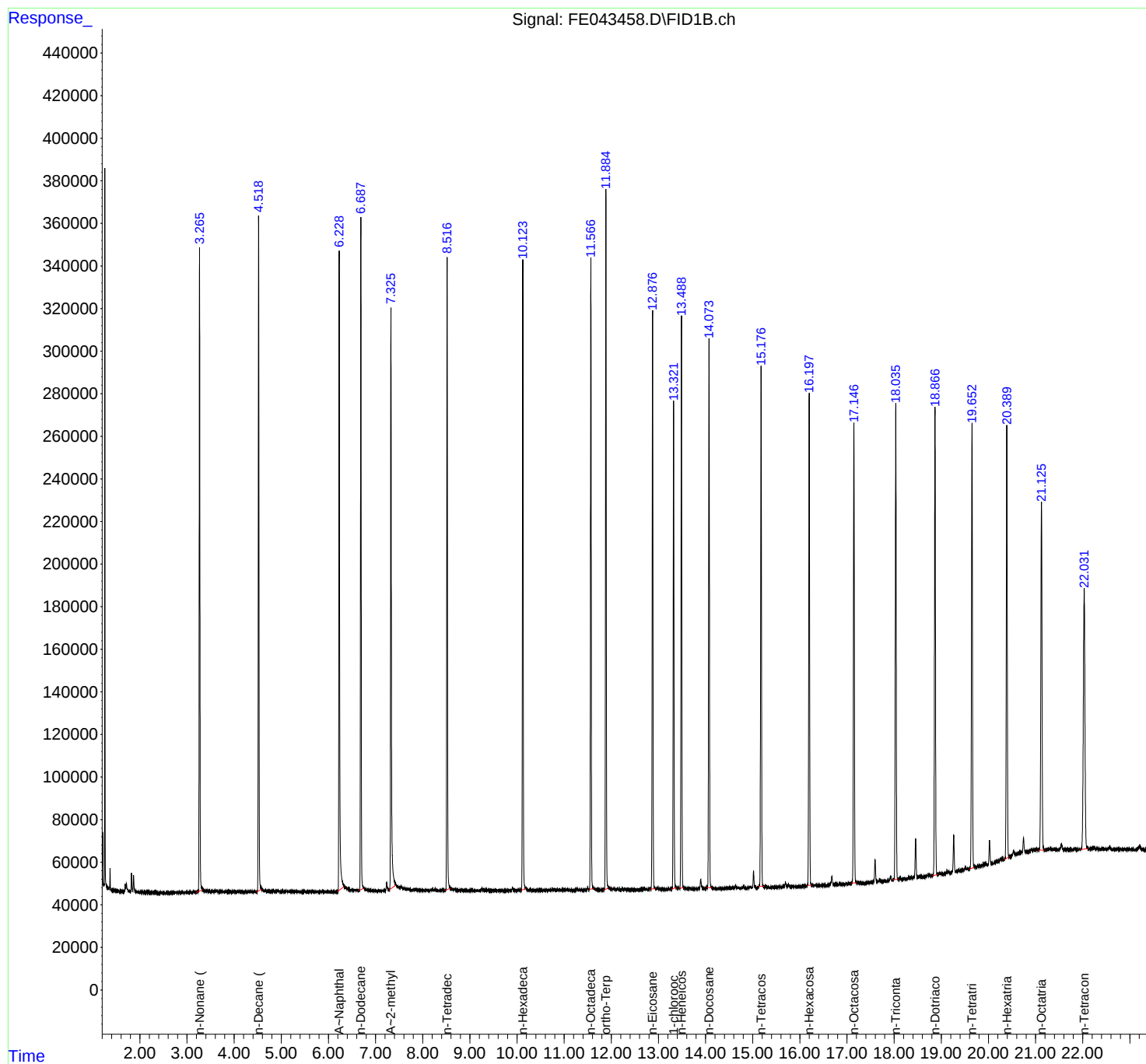
(m)=manual int.

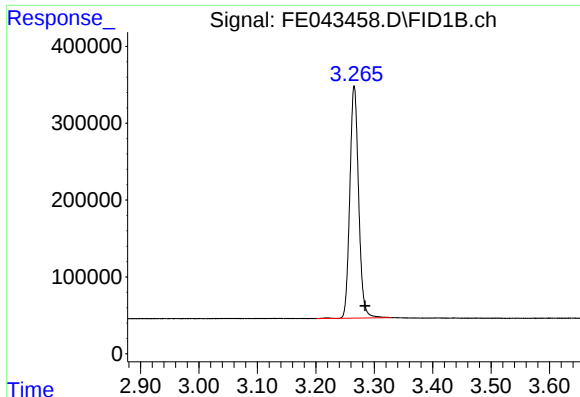
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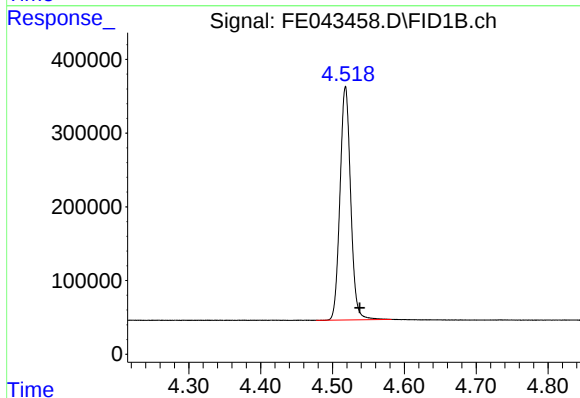




#1 n-Nonane (C9)

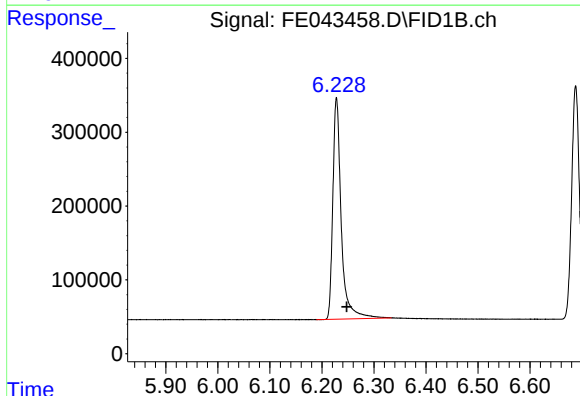
R.T.: 3.266 min
Delta R.T.: -0.018 min
Response: 3158660
Conc: 20.69 ug/ml

Instrument :
FID_E
ClientSampleId :



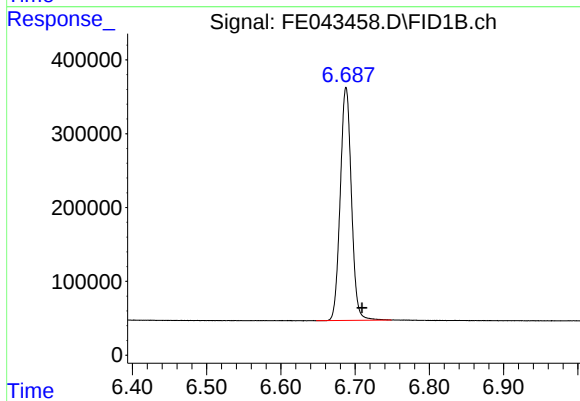
#2 n-Decane (C10)

R.T.: 4.518 min
Delta R.T.: -0.020 min
Response: 3261931
Conc: 20.92 ug/ml



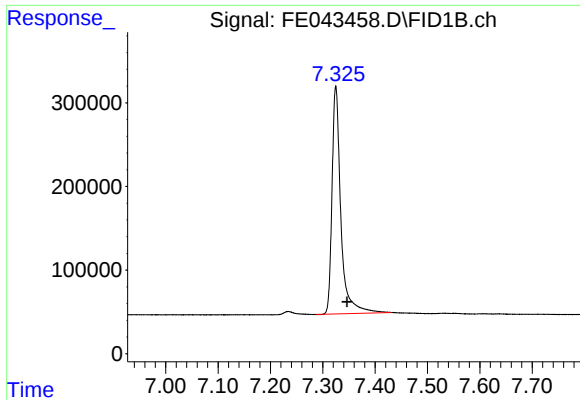
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: -0.020 min
Response: 3378916
Conc: 21.00 ug/ml



#4 n-Dodecane (C12)

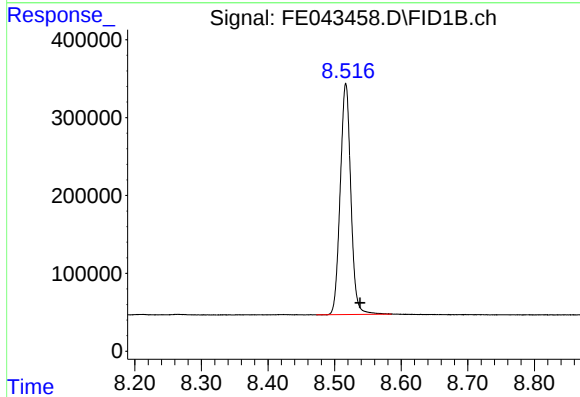
R.T.: 6.688 min
Delta R.T.: -0.022 min
Response: 3296071
Conc: 20.92 ug/ml



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

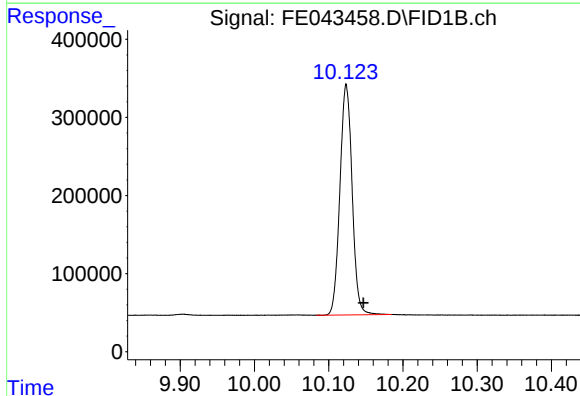
R.T.: 7.325 min
Delta R.T.: -0.022 min
Response: 3201929
Conc: 21.10 ug/ml

Instrument :
FID_E
ClientSampleId :



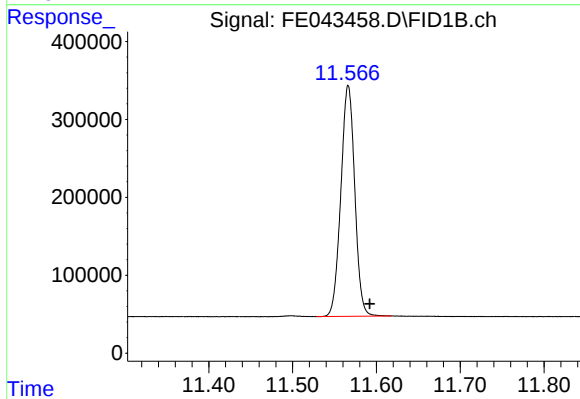
#6 n-Tetradecane (C14)

R.T.: 8.517 min
Delta R.T.: -0.021 min
Response: 3277887
Conc: 20.72 ug/ml



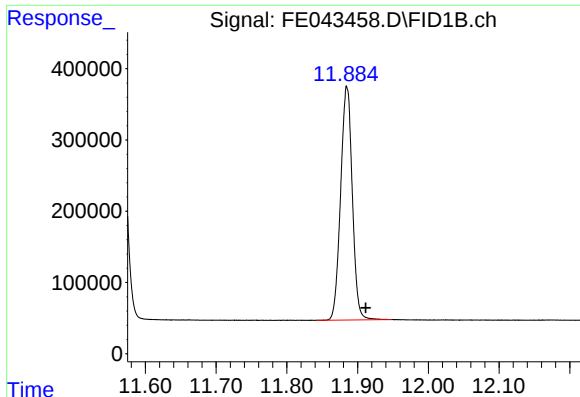
#7 n-Hexadecane (C16)

R.T.: 10.124 min
Delta R.T.: -0.023 min
Response: 3377232
Conc: 20.87 ug/ml



#8 n-Octadecane (C18)

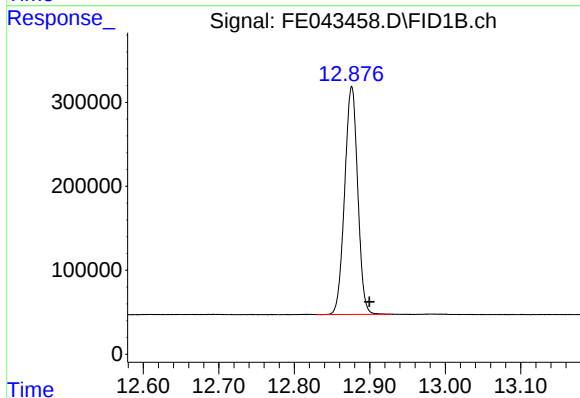
R.T.: 11.566 min
Delta R.T.: -0.026 min
Response: 3414449
Conc: 20.95 ug/ml



#9 ortho-Terphenyl (SURR)

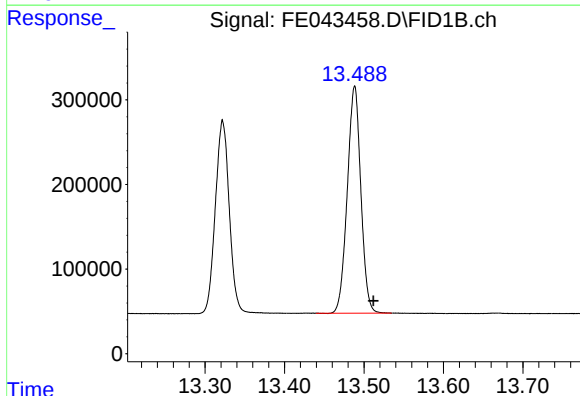
R.T.: 11.885 min
Delta R.T.: -0.026 min
Response: 3762103
Conc: 21.01 ug/ml

Instrument :
FID_E
ClientSampleId :



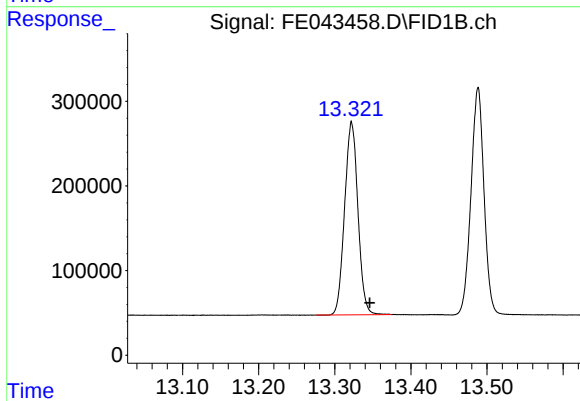
#10 n-Eicosane (C20)

R.T.: 12.876 min
Delta R.T.: -0.024 min
Response: 3266527
Conc: 21.02 ug/ml



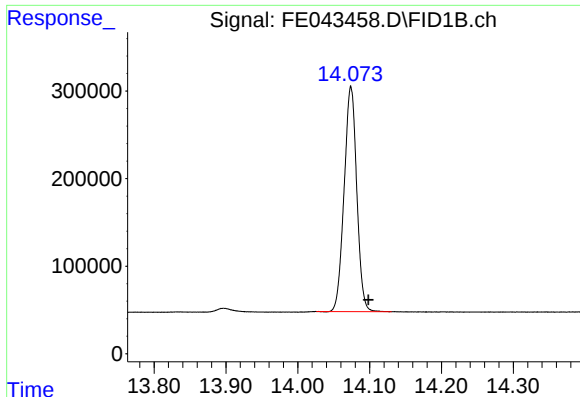
#11 n-Heneicosane (C21)

R.T.: 13.488 min
Delta R.T.: -0.024 min
Response: 3186063
Conc: 21.03 ug/ml



#12 1-chlorooctadecane (SURR)

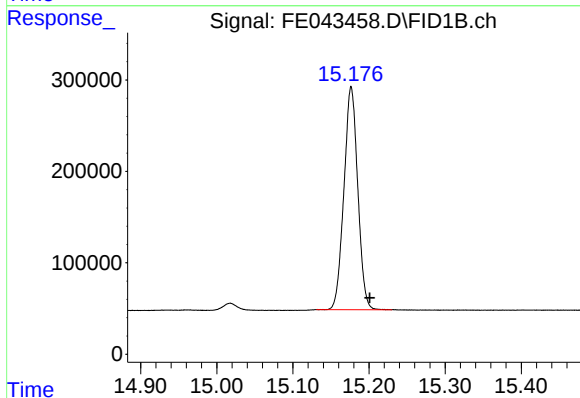
R.T.: 13.322 min
Delta R.T.: -0.024 min
Response: 2771948
Conc: 21.10 ug/ml



#13 n-Docosane (C22)

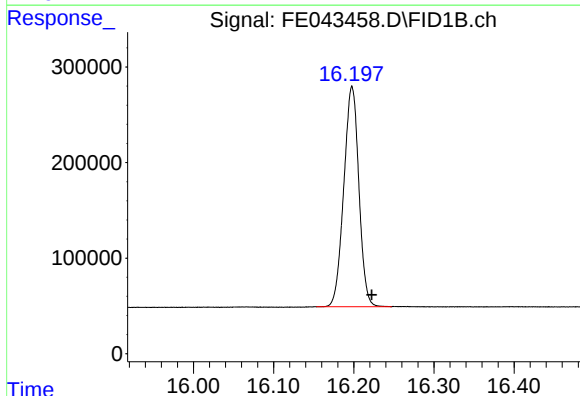
R.T.: 14.074 min
Delta R.T.: -0.024 min
Response: 3143689
Conc: 21.04 ug/ml

Instrument :
FID_E
ClientSampleId :



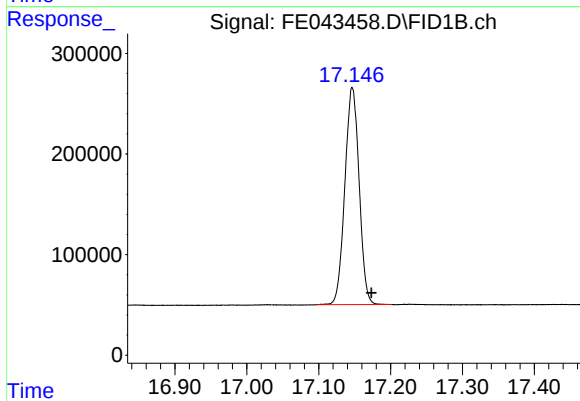
#14 n-Tetracosane (C24)

R.T.: 15.177 min
Delta R.T.: -0.024 min
Response: 3081121
Conc: 20.98 ug/ml



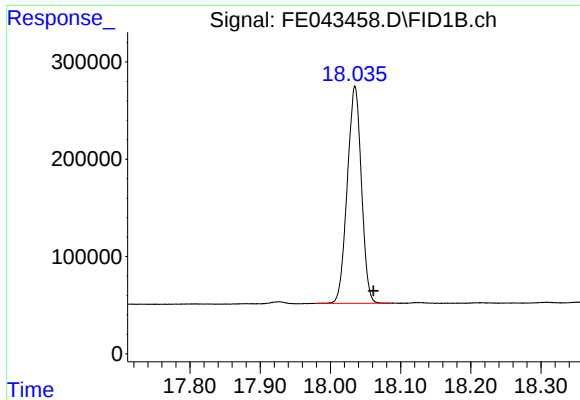
#15 n-Hexacosane (C26)

R.T.: 16.198 min
Delta R.T.: -0.025 min
Response: 3009330
Conc: 21.13 ug/ml



#16 n-Octacosane (C28)

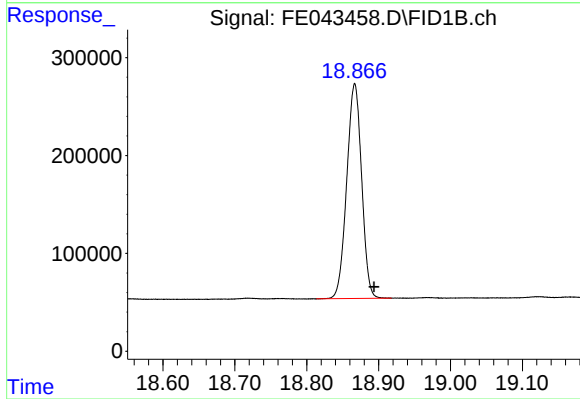
R.T.: 17.147 min
Delta R.T.: -0.027 min
Response: 2973742
Conc: 21.13 ug/ml



#17 n-Tricontane (C30)

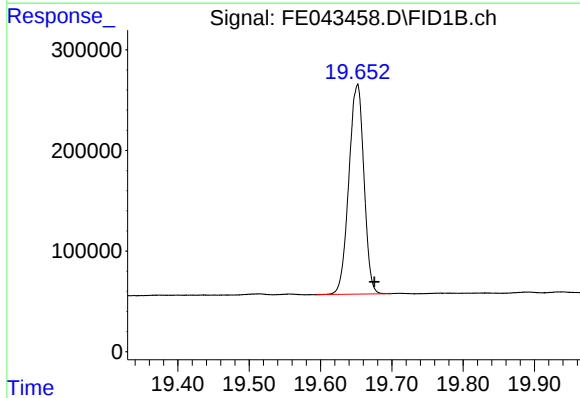
R.T.: 18.035 min
Delta R.T.: -0.026 min
Response: 3121017
Conc: 21.19 ug/ml

Instrument :
FID_E
ClientSampleId :



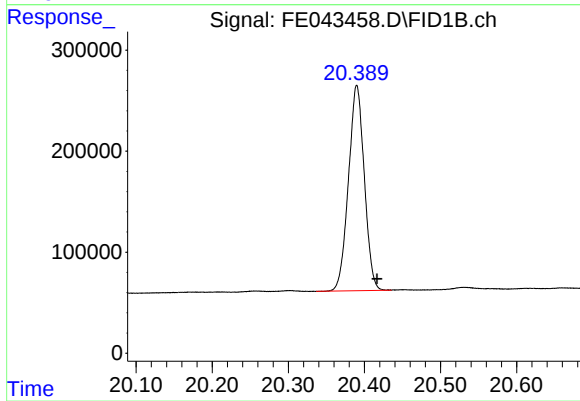
#18 n-Dotriacontane (C32)

R.T.: 18.867 min
Delta R.T.: -0.027 min
Response: 3157470
Conc: 21.31 ug/ml



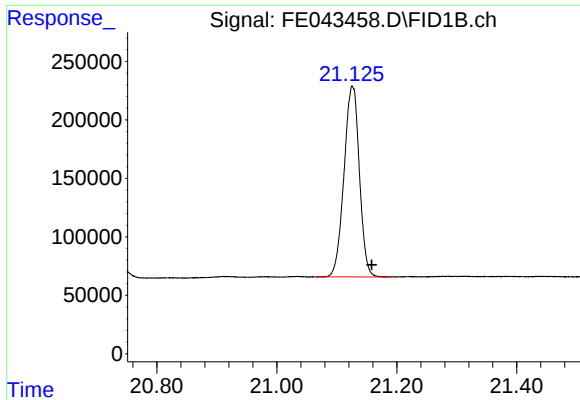
#19 n-Tetratriacontane (C34)

R.T.: 19.652 min
Delta R.T.: -0.024 min
Response: 3064711
Conc: 21.24 ug/ml



#20 n-Hexatriacontane (C36)

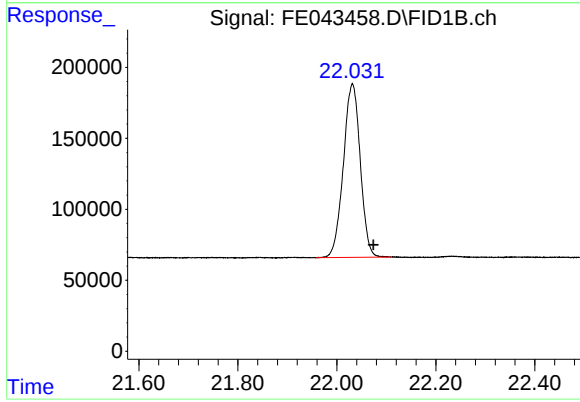
R.T.: 20.390 min
Delta R.T.: -0.027 min
Response: 2937297
Conc: 19.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.126 min
Delta R.T.: -0.032 min
Response: 2905044
Conc: 20.36 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.032 min
Delta R.T.: -0.042 min
Response: 2896159
Conc: 19.62 ug/ml