

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102023AL\
 Data File : FE044961.D
 Signal(s) : FID1B.ch
 Acq On : 20 Oct 2023 23:13
 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: Oct 21 00:49:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.901	3786072	18.886 ug/ml
Spiked Amount 50.000		Recovery =	37.77%
12) S 1-chlorooctadecane (S...	13.343	2746967	18.562 ug/ml
Spiked Amount 50.000		Recovery =	37.12%
Target Compounds			
1) T n-Nonane (C9)	3.284	3248370	19.364 ug/ml
2) T n-Decane (C10)	4.536	3317850	19.477 ug/ml
3) T A~Naphthalene (C11.7)	6.236	3557205	19.216 ug/ml
4) T n-Dodecane (C12)	6.702	3348518	19.398 ug/ml
5) T A~2-methylnaphthalene...	7.332	3432283	19.027 ug/ml
6) T n-Tetradecane (C14)	8.530	3303189	19.263 ug/ml
7) T n-Hexadecane (C16)	10.140	3344428	19.125 ug/ml
8) T n-Octadecane (C18)	11.586	3310151	18.979 ug/ml
10) T n-Eicosane (C20)	12.898	3147804	18.846 ug/ml
11) T n-Heneicosane (C21)	13.510	3039331	18.645 ug/ml
13) T n-Docosane (C22)	14.098	3056780	19.110 ug/ml
14) T n-Tetracosane (C24)	15.203	3095595	19.946 ug/ml
15) T n-Hexacosane (C26)	16.226	3121923	20.794 ug/ml
16) T n-Octacosane (C28)	17.178	3220689	21.933 ug/ml
17) T n-Tricontane (C30)	18.067	3385193	22.761 ug/ml
18) T n-Dotriacontane (C32)	18.902	3426950	22.832 ug/ml
19) T n-Tetratriacontane (C34)	19.687	3226080	21.671 ug/ml
20) T n-Hexatriacontane (C36)	20.429	3351167	21.798 ug/ml
21) T n-Octatriacontane (C38)	21.169	3952917	25.305 ug/ml
22) T n-Tetracontane (C40)	22.087	3340169	19.986 ug/ml

(f)=RT Delta > 1/2 Window

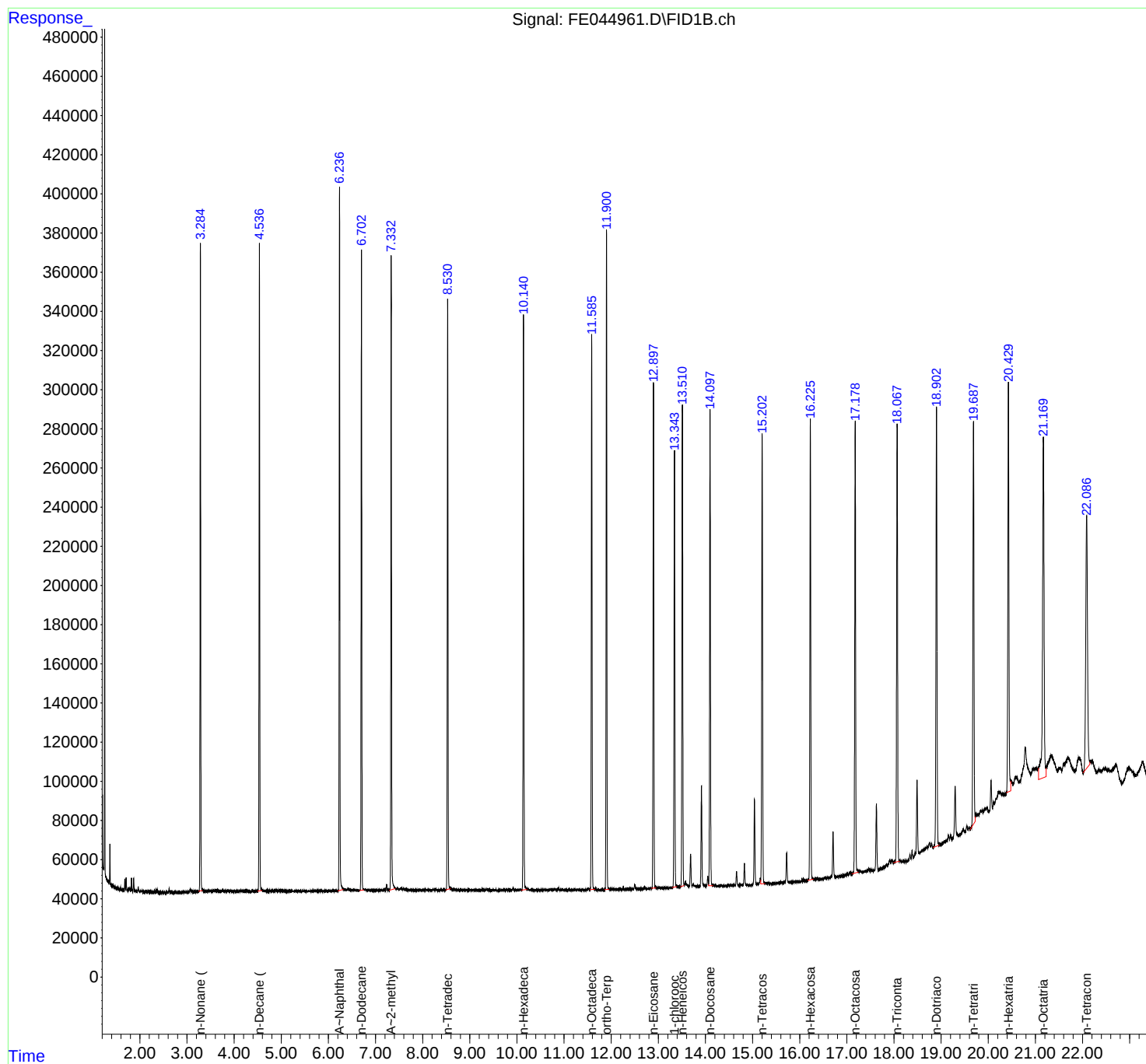
(m)=manual int.

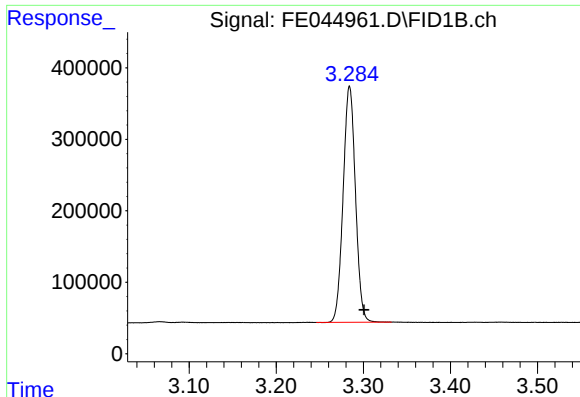
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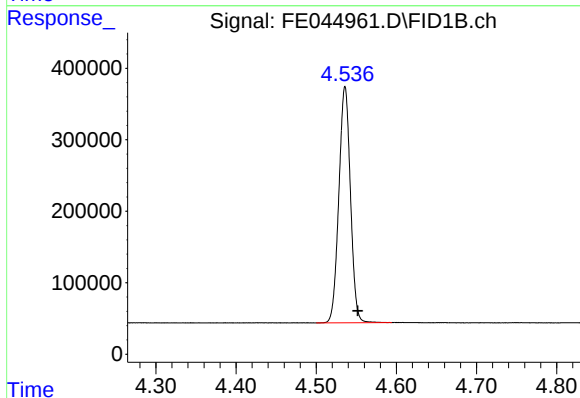




#1 n-Nonane (C9)

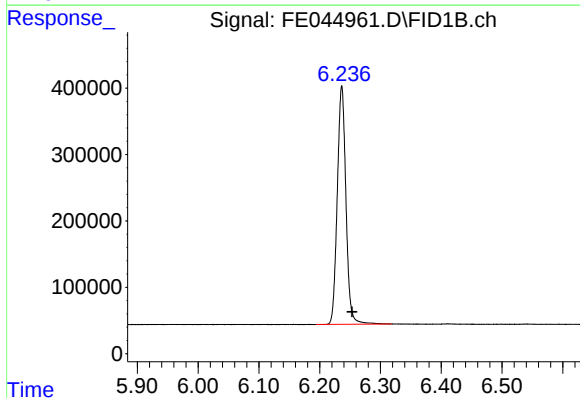
R.T.: 3.284 min
Delta R.T.: -0.017 min
Response: 3248370
Conc: 19.36 ug/ml

Instrument :
FID_E
ClientSampleId :



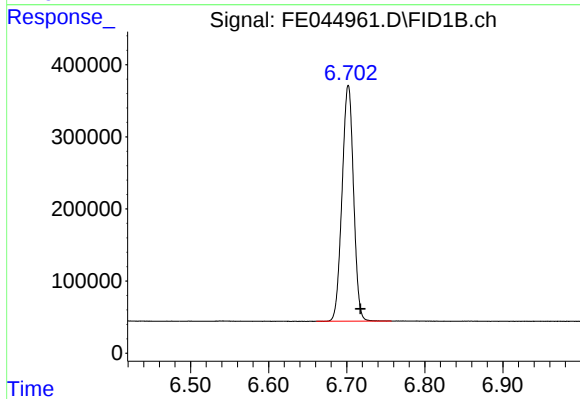
#2 n-Decane (C10)

R.T.: 4.536 min
Delta R.T.: -0.016 min
Response: 3317850
Conc: 19.48 ug/ml



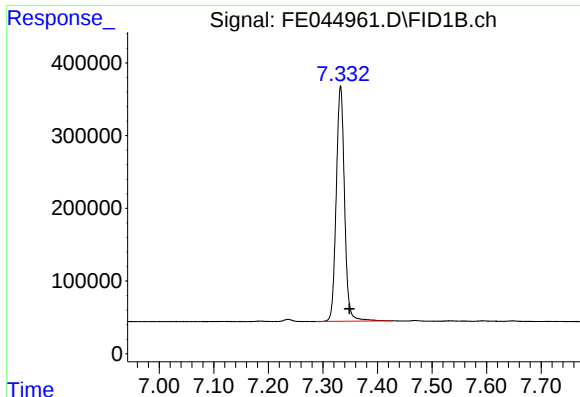
#3 A~Naphthalene (C11.7)

R.T.: 6.236 min
Delta R.T.: -0.017 min
Response: 3557205
Conc: 19.22 ug/ml



#4 n-Dodecane (C12)

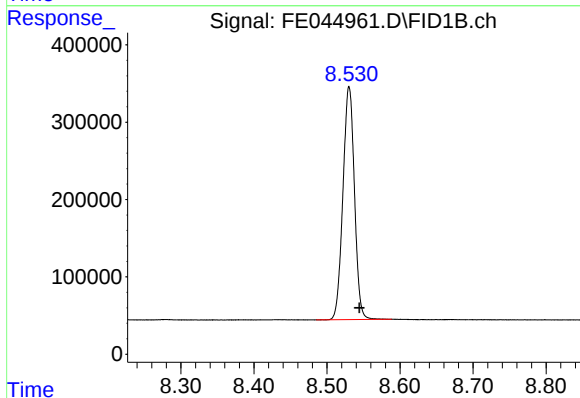
R.T.: 6.702 min
Delta R.T.: -0.016 min
Response: 3348518
Conc: 19.40 ug/ml



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

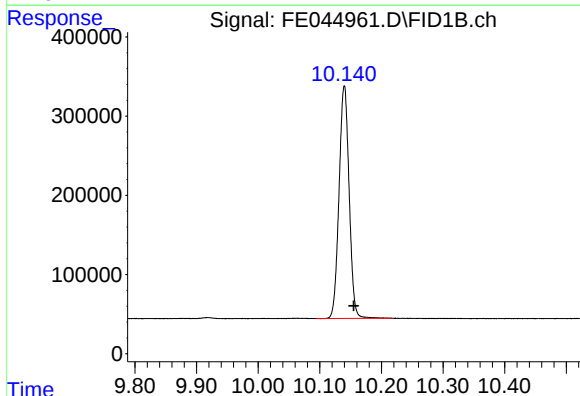
R.T.: 7.332 min
Delta R.T.: -0.016 min
Response: 3432283
Conc: 19.03 ug/ml

Instrument :
FID_E
ClientSampleId :



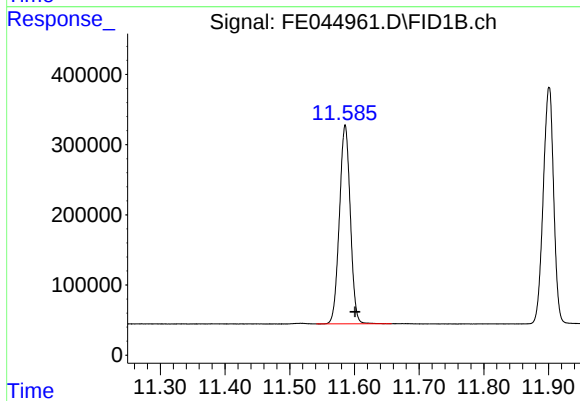
#6 n-Tetradecane (C14)

R.T.: 8.530 min
Delta R.T.: -0.014 min
Response: 3303189
Conc: 19.26 ug/ml



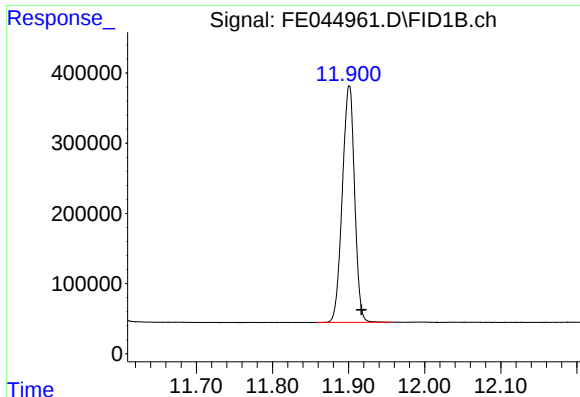
#7 n-Hexadecane (C16)

R.T.: 10.140 min
Delta R.T.: -0.015 min
Response: 3344428
Conc: 19.13 ug/ml



#8 n-Octadecane (C18)

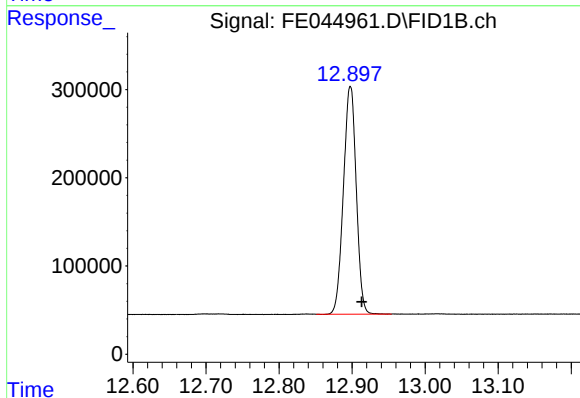
R.T.: 11.586 min
Delta R.T.: -0.015 min
Response: 3310151
Conc: 18.98 ug/ml



#9 ortho-Terphenyl (SURR)

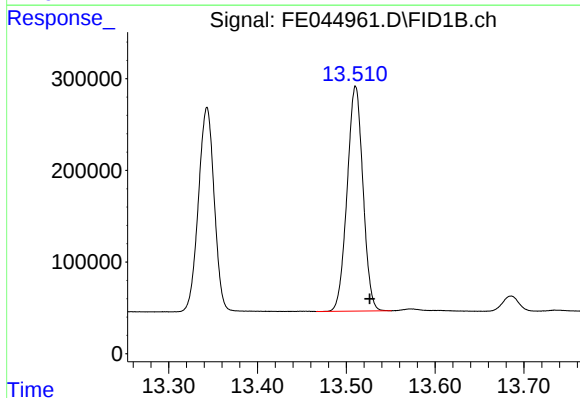
R.T.: 11.901 min
Delta R.T.: -0.016 min
Response: 3786072
Conc: 18.89 ug/ml

Instrument :
FID_E
ClientSampleId :



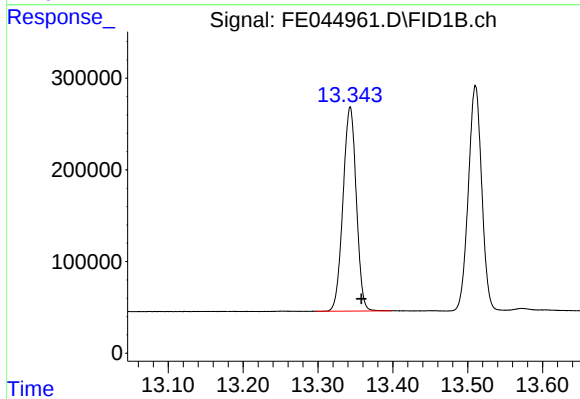
#10 n-Eicosane (C20)

R.T.: 12.898 min
Delta R.T.: -0.016 min
Response: 3147804
Conc: 18.85 ug/ml



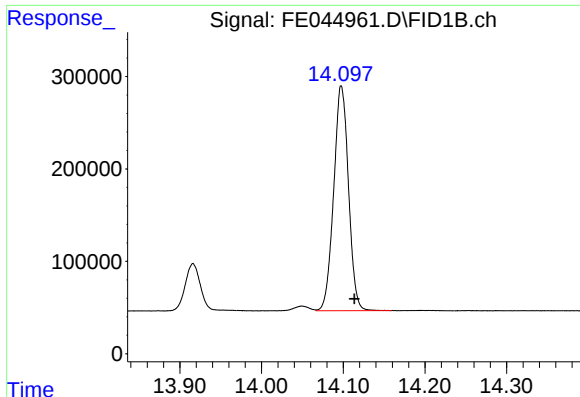
#11 n-Heneicosane (C21)

R.T.: 13.510 min
Delta R.T.: -0.016 min
Response: 3039331
Conc: 18.64 ug/ml



#12 1-chlorooctadecane (SURR)

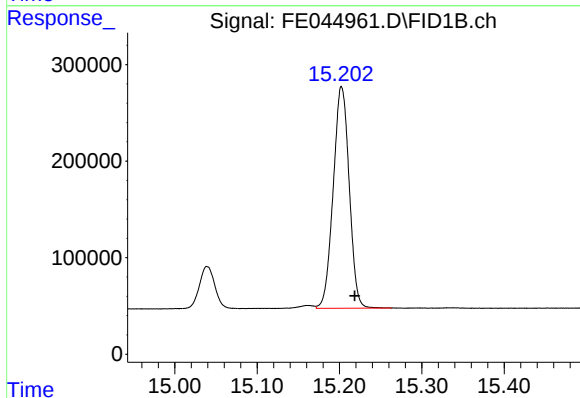
R.T.: 13.343 min
Delta R.T.: -0.015 min
Response: 2746967
Conc: 18.56 ug/ml



#13 n-Docosane (C22)

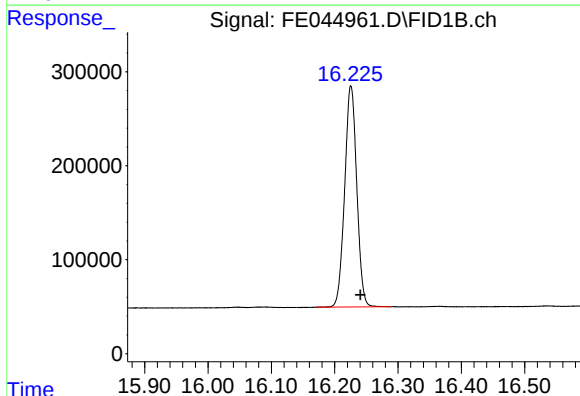
R.T.: 14.098 min
Delta R.T.: -0.016 min
Response: 3056780
Conc: 19.11 ug/ml

Instrument :
FID_E
ClientSampleId :



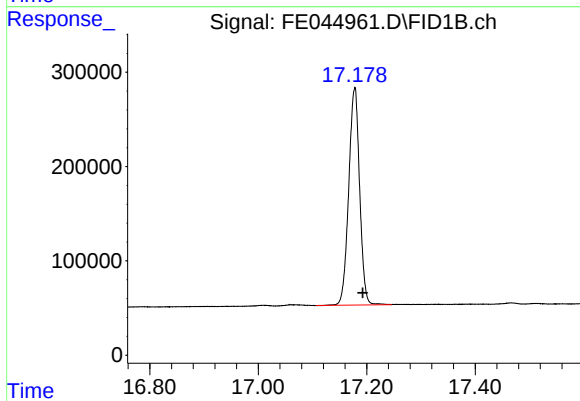
#14 n-Tetracosane (C24)

R.T.: 15.203 min
Delta R.T.: -0.016 min
Response: 3095595
Conc: 19.95 ug/ml



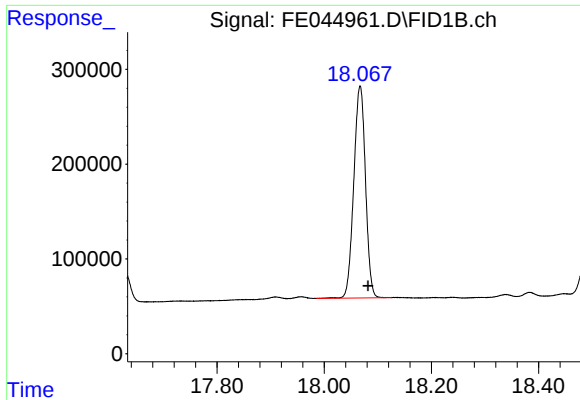
#15 n-Hexacosane (C26)

R.T.: 16.226 min
Delta R.T.: -0.015 min
Response: 3121923
Conc: 20.79 ug/ml



#16 n-Octacosane (C28)

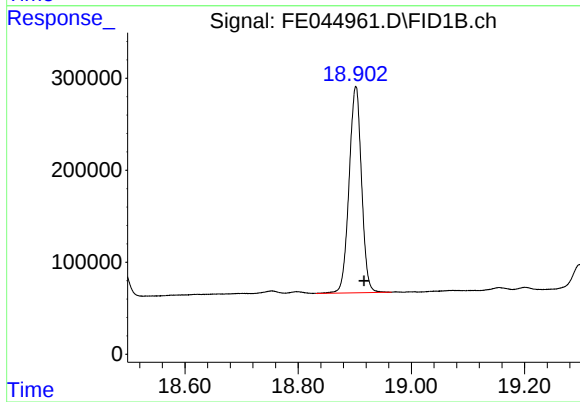
R.T.: 17.178 min
Delta R.T.: -0.014 min
Response: 3220689
Conc: 21.93 ug/ml



#17 n-Tricontane (C30)

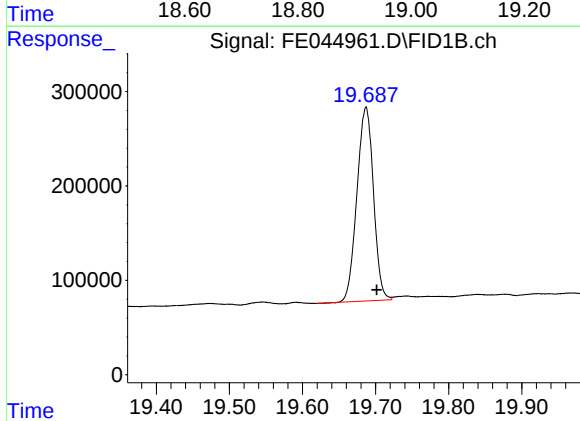
R.T.: 18.067 min
Delta R.T.: -0.015 min
Response: 3385193
Conc: 22.76 ug/ml

Instrument :
FID_E
ClientSampleId :



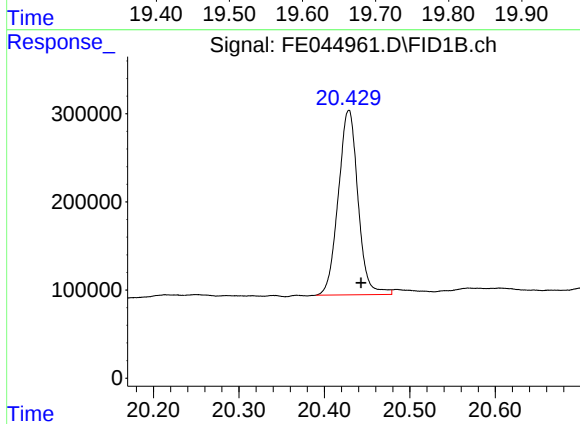
#18 n-Dotriacontane (C32)

R.T.: 18.902 min
Delta R.T.: -0.014 min
Response: 3426950
Conc: 22.83 ug/ml



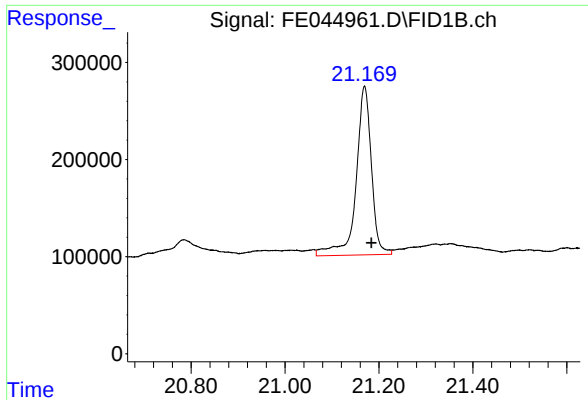
#19 n-Tetratriacontane (C34)

R.T.: 19.687 min
Delta R.T.: -0.015 min
Response: 3226080
Conc: 21.67 ug/ml



#20 n-Hexatriacontane (C36)

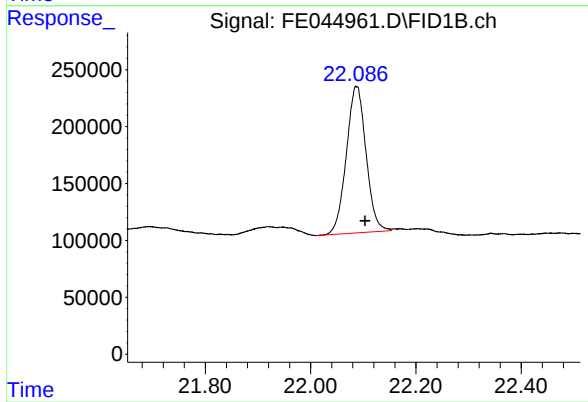
R.T.: 20.429 min
Delta R.T.: -0.014 min
Response: 3351167
Conc: 21.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.169 min
Delta R.T.: -0.015 min
Response: 3952917
Conc: 25.31 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.087 min
Delta R.T.: -0.016 min
Response: 3340169
Conc: 19.99 ug/ml