

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011524AL\
 Data File : FE046237.D
 Signal(s) : FID1B.ch
 Acq On : 15 Jan 2024 21:32
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Jan 16 02:37:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 Qlast Update : Fri Dec 29 03:49:54 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)	11.826	4060597	22.345 ug/ml
Spiked Amount 50.000		Recovery =	44.69%
12) S 1-chlorooctadecane (S...	13.269	3001326	22.463 ug/ml
Spiked Amount 50.000		Recovery =	44.93%
Target Compounds			
1) T n-Nonane (C9)	3.213	3064287	20.022 ug/ml
2) T n-Decane (C10)	4.464	3245191	20.910 ug/ml
3) T A~Naphthalene (C11.7)	6.167	3469540	20.862 ug/ml
4) T n-Dodecane (C12)	6.632	3318726	21.255 ug/ml
5) T A~2-methylnaphthalene...	7.263	3357467	21.088 ug/ml
6) T n-Tetradecane (C14)	8.458	3316493	21.291 ug/ml
7) T n-Hexadecane (C16)	10.067	3415884	21.571 ug/ml
8) T n-Octadecane (C18)	11.512	3445148	21.889 ug/ml
10) T n-Eicosane (C20)	12.823	3345744	22.117 ug/ml
11) T n-Heneicosane (C21)	13.437	3299986	22.441 ug/ml
13) T n-Docosane (C22)	14.023	3246977	22.214 ug/ml
14) T n-Tetracosane (C24)	15.128	3190206	21.996 ug/ml
15) T n-Hexacosane (C26)	16.151	3104283	21.653 ug/ml
16) T n-Octacosane (C28)	17.104	3079226	21.470 ug/ml
17) T n-Tricontane (C30)	17.995	3281235	22.075 ug/ml
18) T n-Dotriacontane (C32)	18.829	3310318	22.133 ug/ml
19) T n-Tetratriacontane (C34)	19.615	3233873	22.574 ug/ml
20) T n-Hexatriacontane (C36)	20.358	3058272	20.976 ug/ml
21) T n-Octatriacontane (C38)	21.088	3313529	22.471 ug/ml
22) T n-Tetracontane (C40)	21.985	3356529	21.444 ug/ml

(f)=RT Delta > 1/2 Window

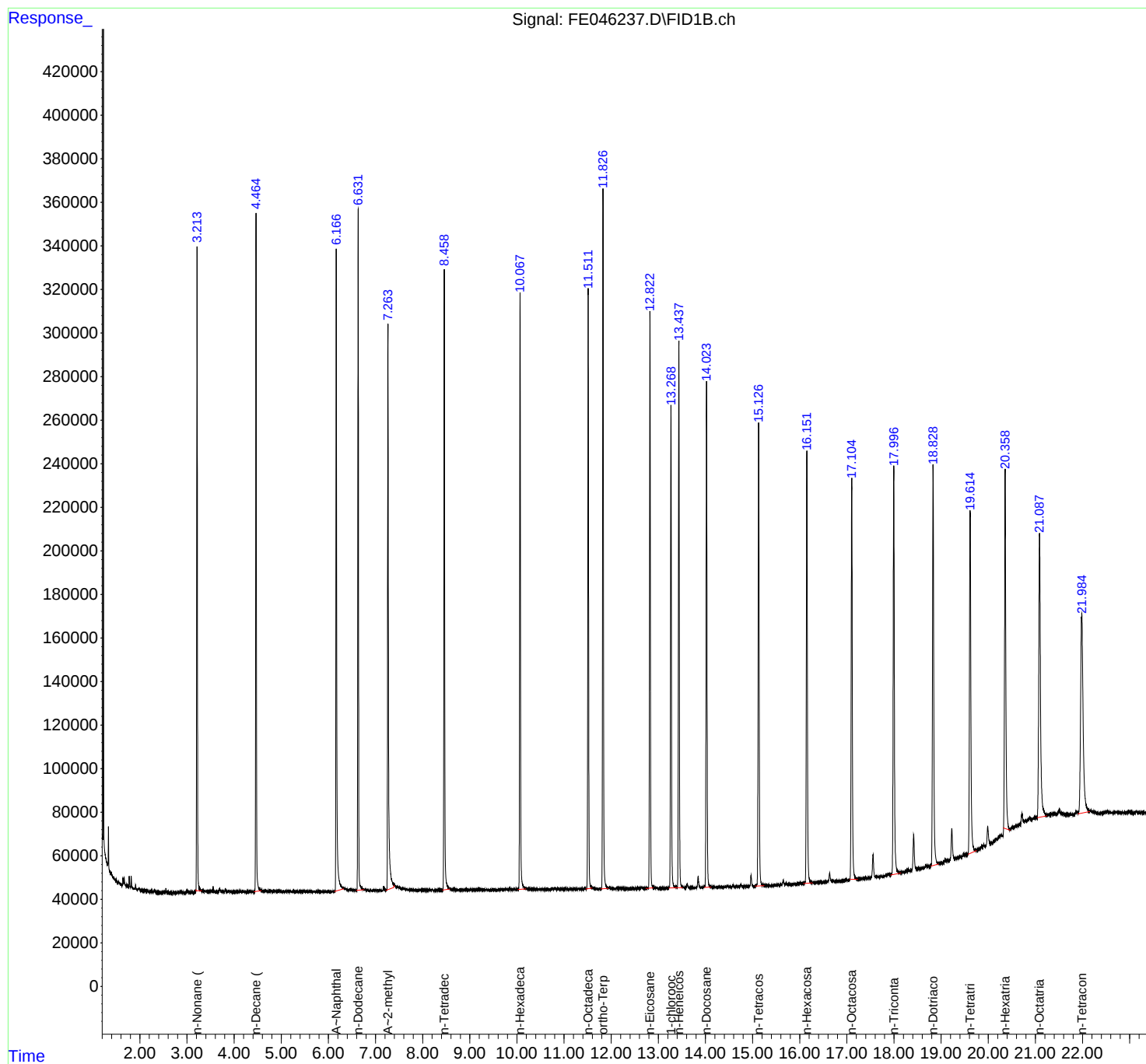
(m)=manual int.

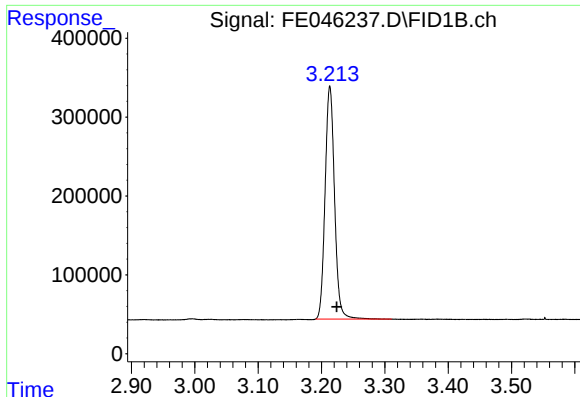
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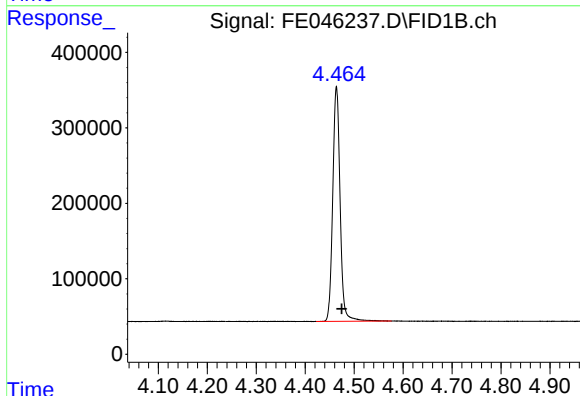




#1 n-Nonane (C9)

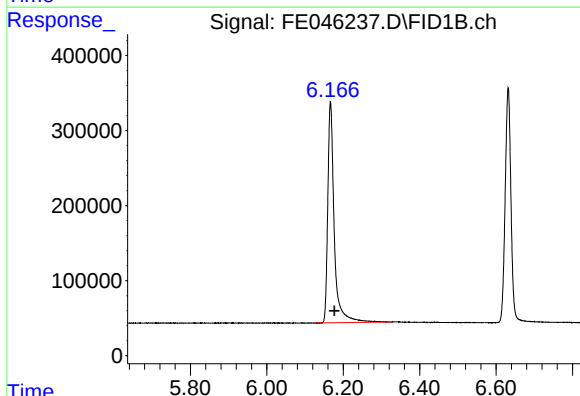
R.T.: 3.213 min
Delta R.T.: -0.011 min
Response: 3064287
Conc: 20.02 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



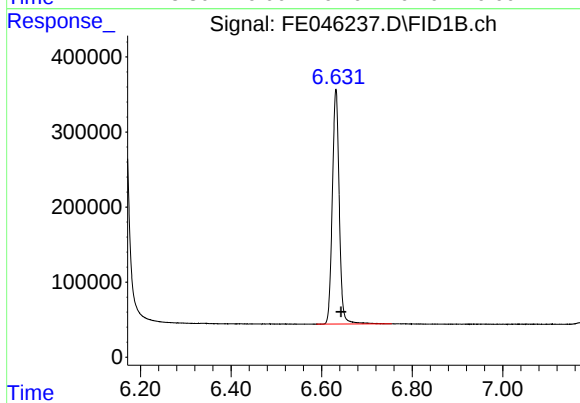
#2 n-Decane (C10)

R.T.: 4.464 min
Delta R.T.: -0.011 min
Response: 3245191
Conc: 20.91 ug/ml



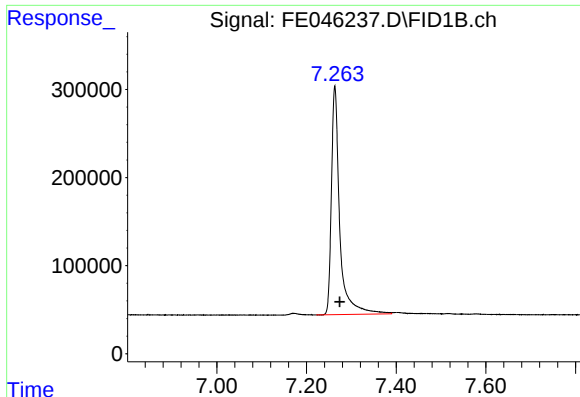
#3 A~Naphthalene (C11.7)

R.T.: 6.167 min
Delta R.T.: -0.011 min
Response: 3469540
Conc: 20.86 ug/ml



#4 n-Dodecane (C12)

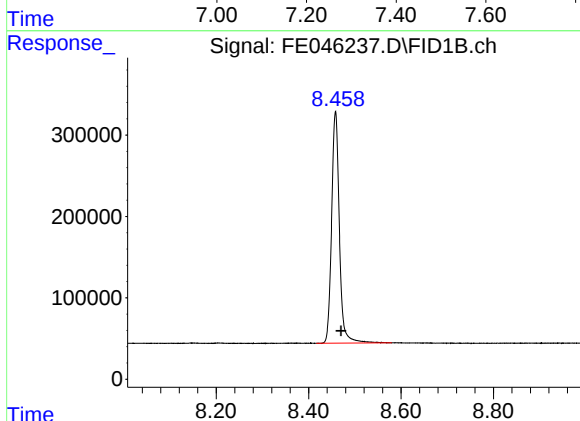
R.T.: 6.632 min
Delta R.T.: -0.011 min
Response: 3318726
Conc: 21.26 ug/ml



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

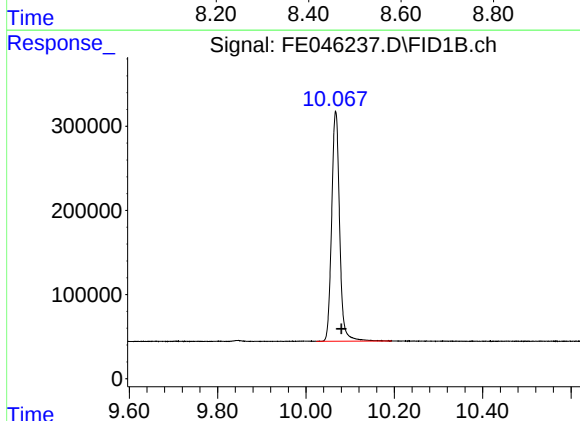
R.T.: 7.263 min
Delta R.T.: -0.011 min
Response: 3357467
Conc: 21.09 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



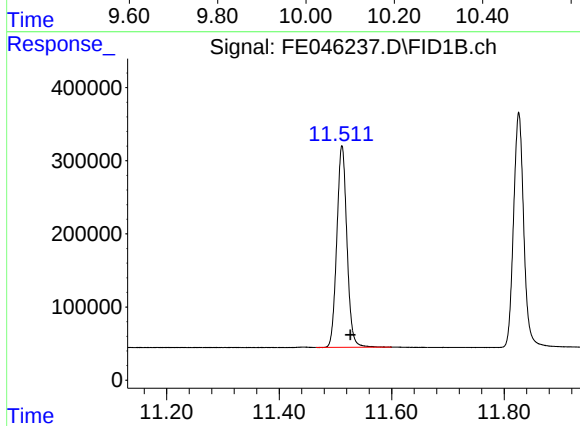
#6 n-Tetradecane (C14)

R.T.: 8.458 min
Delta R.T.: -0.012 min
Response: 3316493
Conc: 21.29 ug/ml



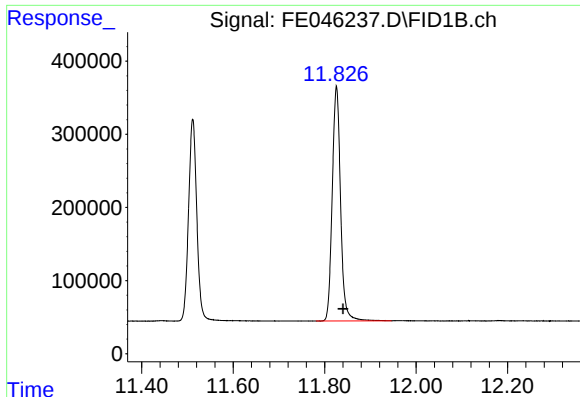
#7 n-Hexadecane (C16)

R.T.: 10.067 min
Delta R.T.: -0.013 min
Response: 3415884
Conc: 21.57 ug/ml



#8 n-Octadecane (C18)

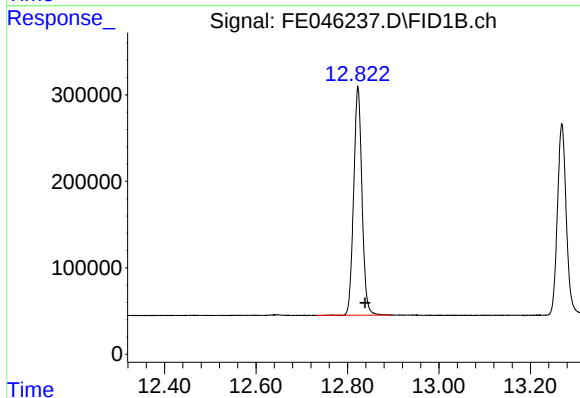
R.T.: 11.512 min
Delta R.T.: -0.015 min
Response: 3445148
Conc: 21.89 ug/ml



#9 ortho-Terphenyl (SURR)

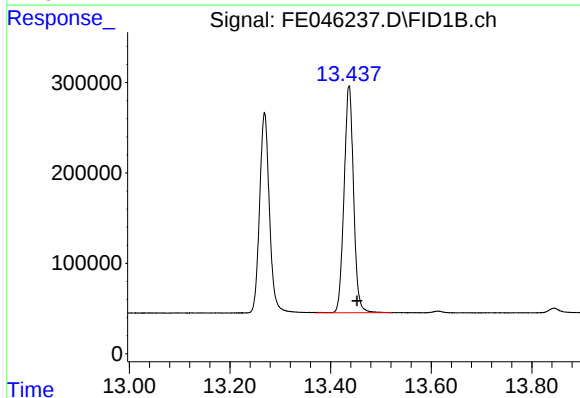
R.T.: 11.826 min
Delta R.T.: -0.014 min
Response: 4060597
Conc: 22.34 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



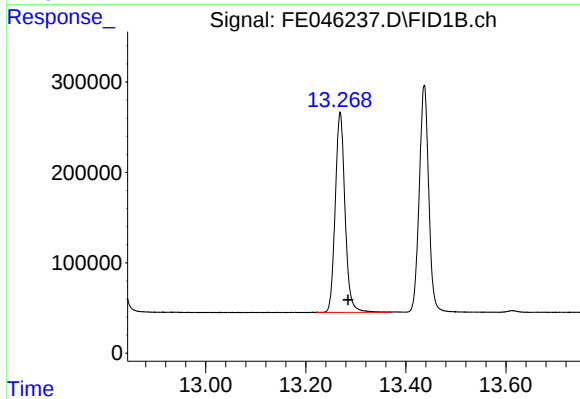
#10 n-Eicosane (C20)

R.T.: 12.823 min
Delta R.T.: -0.016 min
Response: 3345744
Conc: 22.12 ug/ml



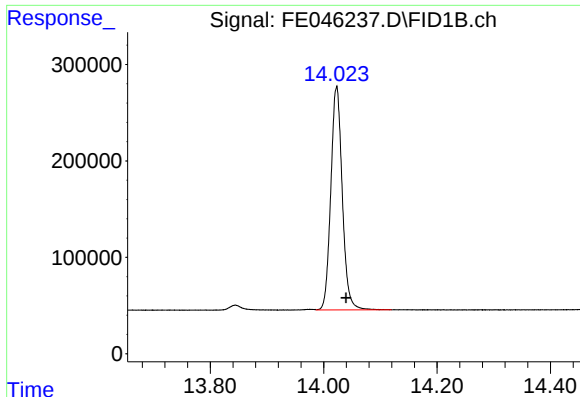
#11 n-Heneicosane (C21)

R.T.: 13.437 min
Delta R.T.: -0.016 min
Response: 3299986
Conc: 22.44 ug/ml



#12 1-chlorooctadecane (SURR)

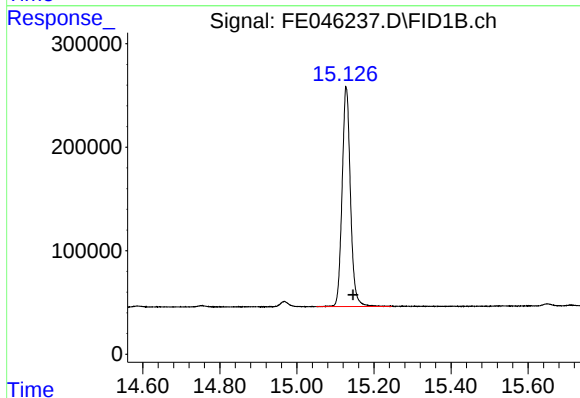
R.T.: 13.269 min
Delta R.T.: -0.016 min
Response: 3001326
Conc: 22.46 ug/ml



#13 n-Docosane (C22)

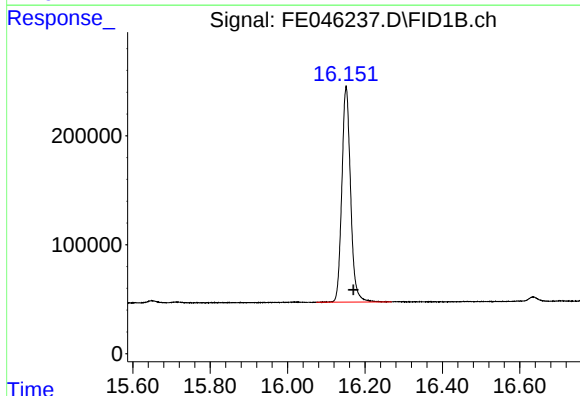
R.T.: 14.023 min
Delta R.T.: -0.017 min
Response: 3246977
Conc: 22.21 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



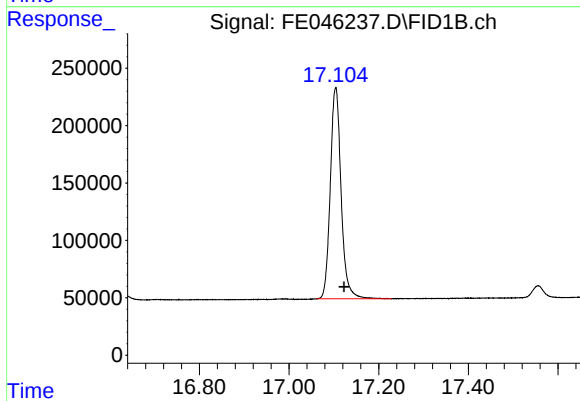
#14 n-Tetracosane (C24)

R.T.: 15.128 min
Delta R.T.: -0.018 min
Response: 3190206
Conc: 22.00 ug/ml



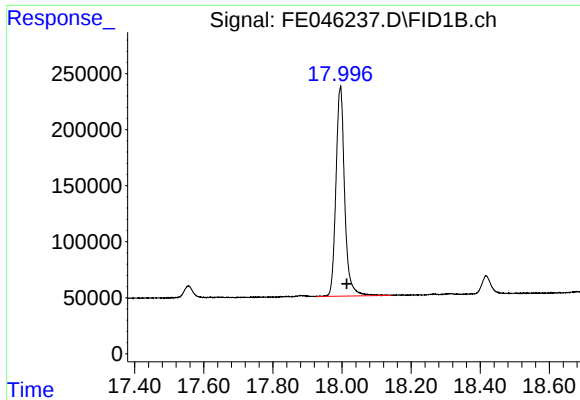
#15 n-Hexacosane (C26)

R.T.: 16.151 min
Delta R.T.: -0.018 min
Response: 3104283
Conc: 21.65 ug/ml



#16 n-Octacosane (C28)

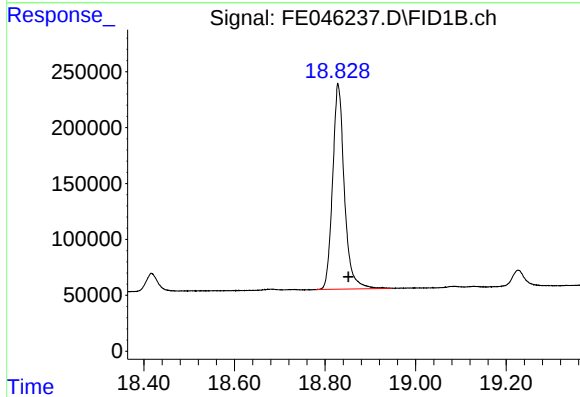
R.T.: 17.104 min
Delta R.T.: -0.018 min
Response: 3079226
Conc: 21.47 ug/ml



#17 n-Tricontane (C30)

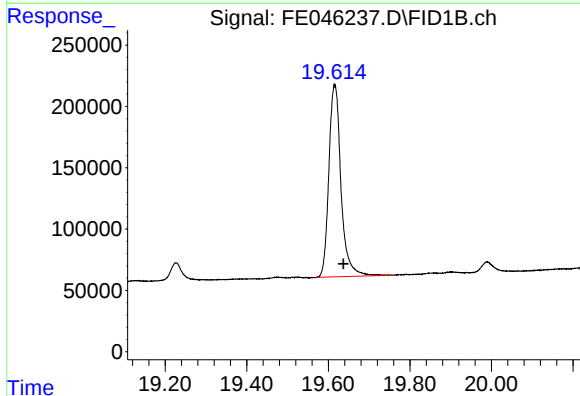
R.T.: 17.995 min
Delta R.T.: -0.019 min
Response: 3281235
Conc: 22.08 ug/ml

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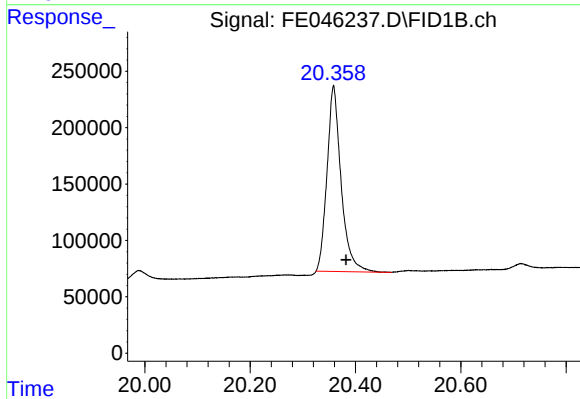
#18 n-Dotriacontane (C32)

R.T.: 18.829 min
Delta R.T.: -0.023 min
Response: 3310318
Conc: 22.13 ug/ml



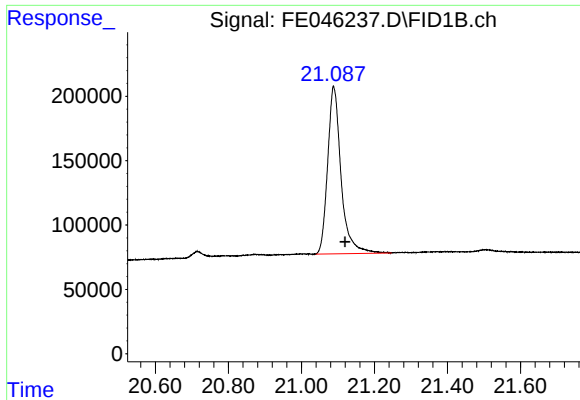
#19 n-Tetratriacontane (C34)

R.T.: 19.615 min
Delta R.T.: -0.021 min
Response: 3233873
Conc: 22.57 ug/ml



#20 n-Hexatriacontane (C36)

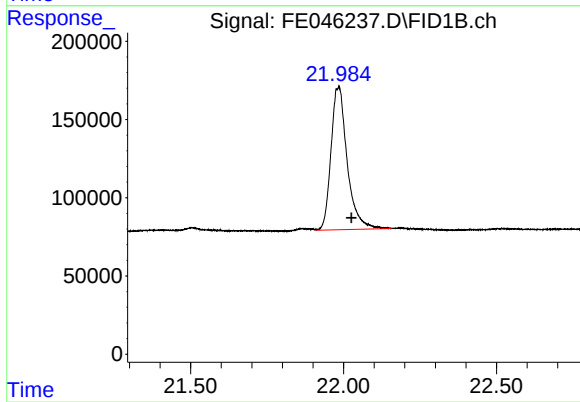
R.T.: 20.358 min
Delta R.T.: -0.024 min
Response: 3058272
Conc: 20.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.088 min
Delta R.T.: -0.032 min
Response: 3313529
Conc: 22.47 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.985 min
Delta R.T.: -0.040 min
Response: 3356529
Conc: 21.44 ug/ml