

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090624AL\
 Data File : FE049946.D
 Signal(s) : FID1B.ch
 Acq On : 06 Sep 2024 12:40
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 07 00:58:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 2024
 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)	11.882	3285708	20.318 ug/ml
Spiked Amount 50.000		Recovery =	40.64%
12) S 1-chlorooctadecane (S...	13.317	2494193	20.443 ug/ml
Spiked Amount 50.000		Recovery =	40.89%
Target Compounds			
1) T n-Nonane (C9)	3.269	3048800	19.701 ug/ml
2) T n-Decane (C10)	4.519	3119196	19.755 ug/ml
3) T A~Naphthalene (C11.7)	6.229	3210432	20.008 ug/ml
4) T n-Dodecane (C12)	6.687	3128175	19.898 ug/ml
5) T A~2-methylnaphthalene...	7.325	3024286	20.195 ug/ml
6) T n-Tetradecane (C14)	8.515	3080680	19.955 ug/ml
7) T n-Hexadecane (C16)	10.121	3160615	20.237 ug/ml
8) T n-Octadecane (C18)	11.563	3185611	20.284 ug/ml
10) T n-Eicosane (C20)	12.872	3047405	20.410 ug/ml
11) T n-Heneicosane (C21)	13.483	2986206	20.356 ug/ml
13) T n-Docosane (C22)	14.068	2958292	20.297 ug/ml
14) T n-Tetracosane (C24)	15.171	2988840	20.547 ug/ml
15) T n-Hexacosane (C26)	16.192	2957125	20.489 ug/ml
16) T n-Octacosane (C28)	17.139	2984785	20.722 ug/ml
17) T n-Tricontane (C30)	18.027	3128882	20.900 ug/ml
18) T n-Dotriacontane (C32)	18.859	3213824	21.244 ug/ml
19) T n-Tetratriacontane (C34)	19.642	3235524	21.164 ug/ml
20) T n-Hexatriacontane (C36)	20.381	3195527	21.044 ug/ml
21) T n-Octatriacontane (C38)	21.109	3221210	20.523 ug/ml
22) T n-Tetracontane (C40)	22.004	3155274	20.666 ug/ml

(f)=RT Delta > 1/2 Window

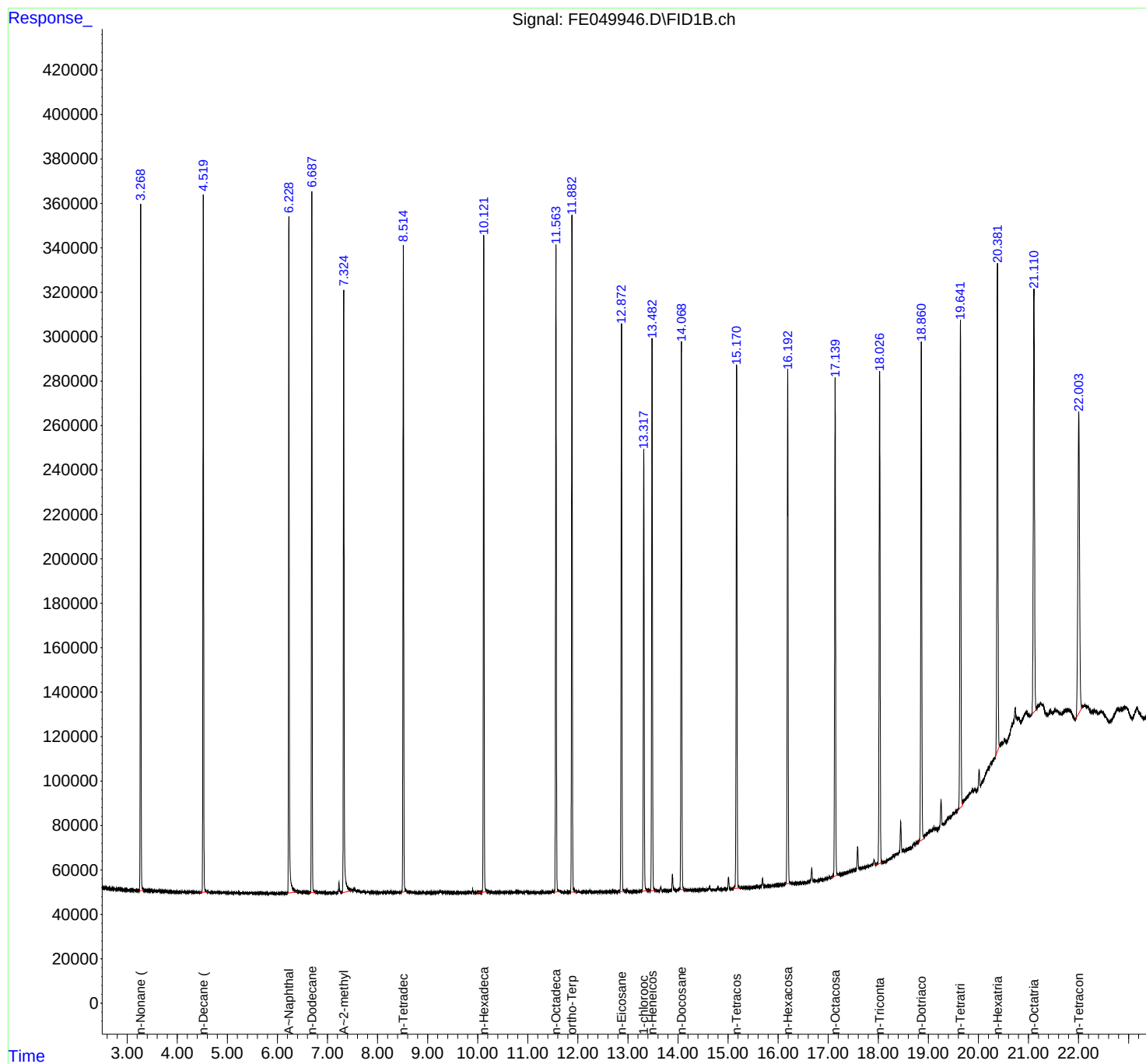
(m)=manual int.

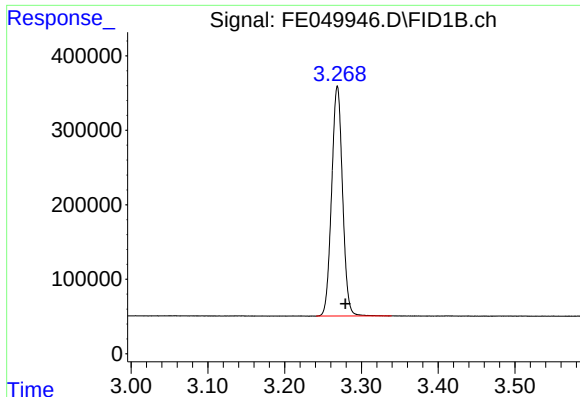
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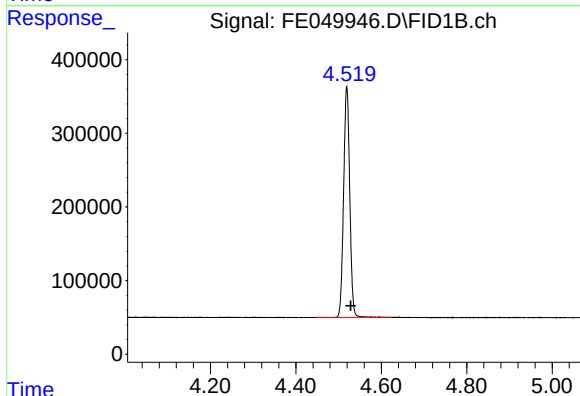




#1 n-Nonane (C9)

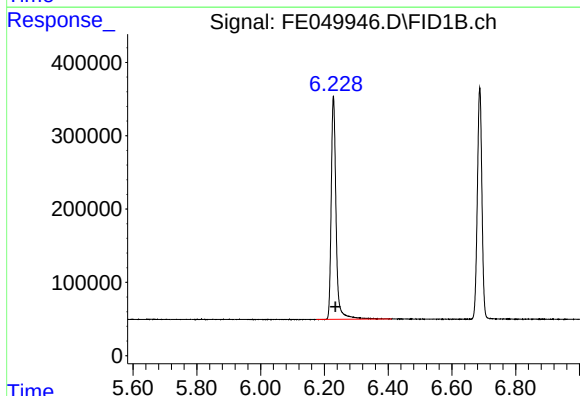
R.T.: 3.269 min
Delta R.T.: -0.010 min
Response: 3048800
Conc: 19.70 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



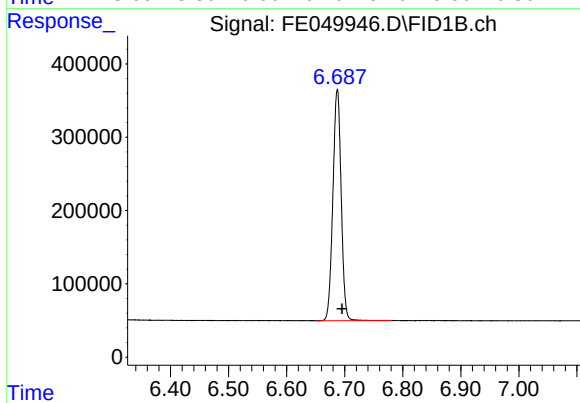
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: -0.009 min
Response: 3119196
Conc: 19.76 ug/ml



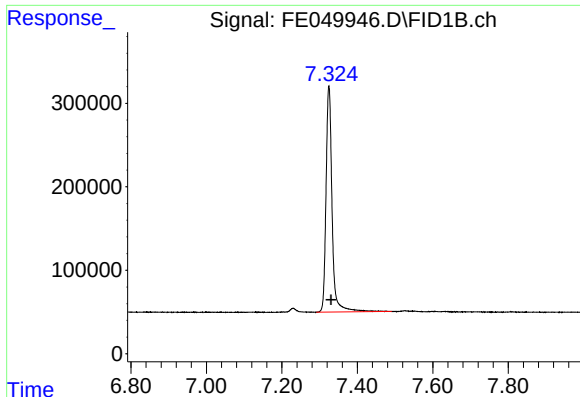
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min
Delta R.T.: -0.007 min
Response: 3210432
Conc: 20.01 ug/ml



#4 n-Dodecane (C12)

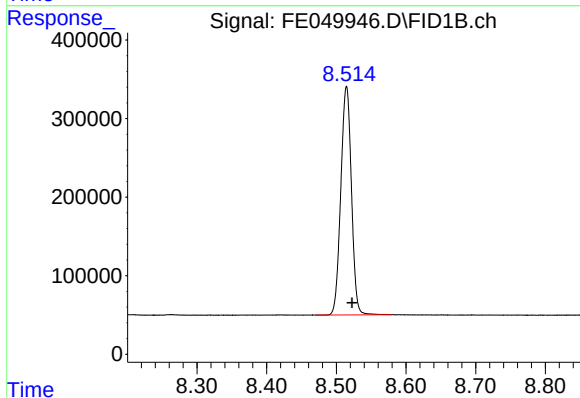
R.T.: 6.687 min
Delta R.T.: -0.008 min
Response: 3128175
Conc: 19.90 ug/ml



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

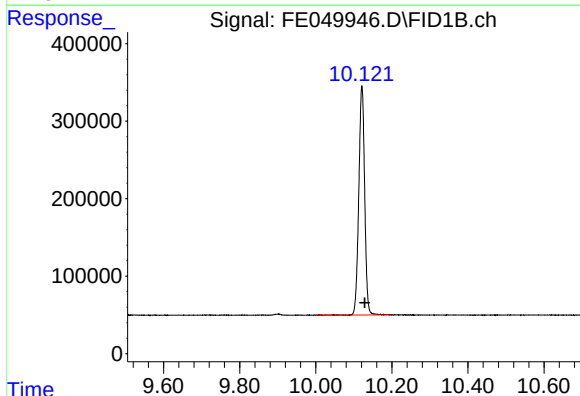
R.T.: 7.325 min
Delta R.T.: -0.006 min
Response: 3024286
Conc: 20.19 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



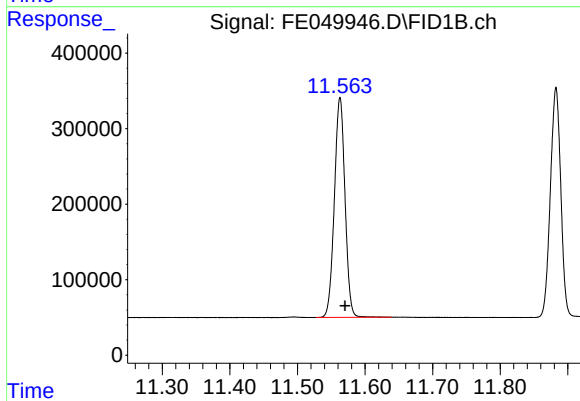
#6 n-Tetradecane (C14)

R.T.: 8.515 min
Delta R.T.: -0.008 min
Response: 3080680
Conc: 19.96 ug/ml



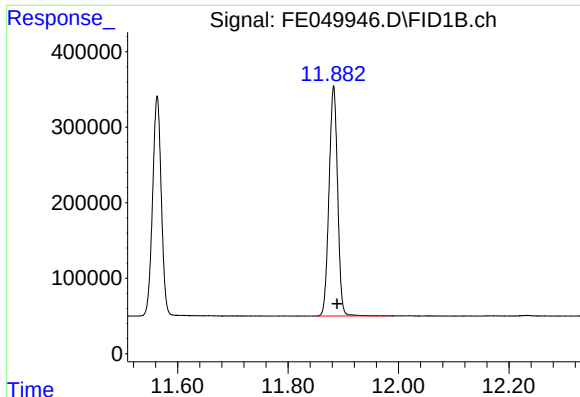
#7 n-Hexadecane (C16)

R.T.: 10.121 min
Delta R.T.: -0.008 min
Response: 3160615
Conc: 20.24 ug/ml



#8 n-Octadecane (C18)

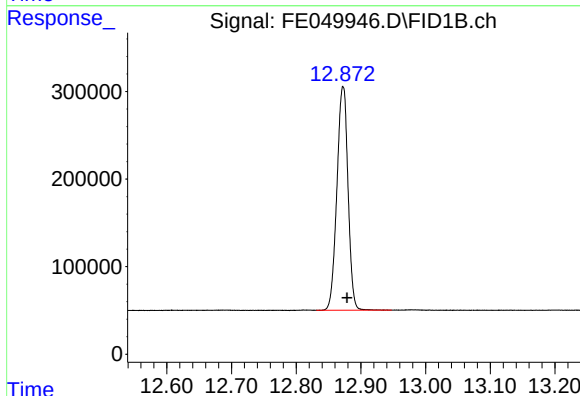
R.T.: 11.563 min
Delta R.T.: -0.008 min
Response: 3185611
Conc: 20.28 ug/ml



#9 ortho-Terphenyl (SURR)

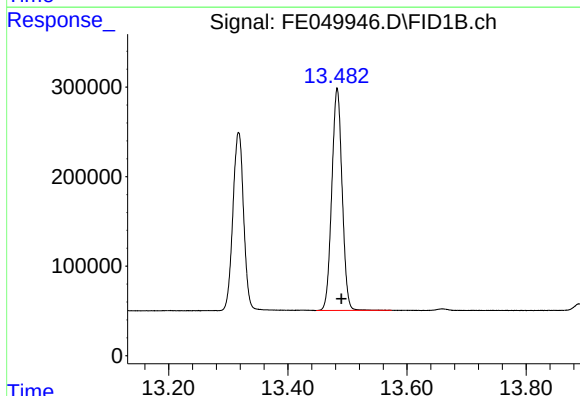
R.T.: 11.882 min
Delta R.T.: -0.006 min
Response: 3285708
Conc: 20.32 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



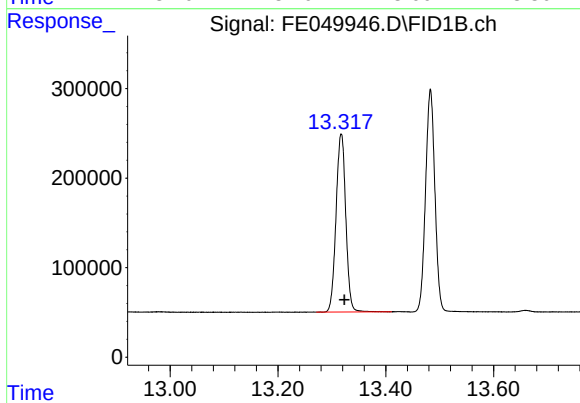
#10 n-Eicosane (C20)

R.T.: 12.872 min
Delta R.T.: -0.006 min
Response: 3047405
Conc: 20.41 ug/ml



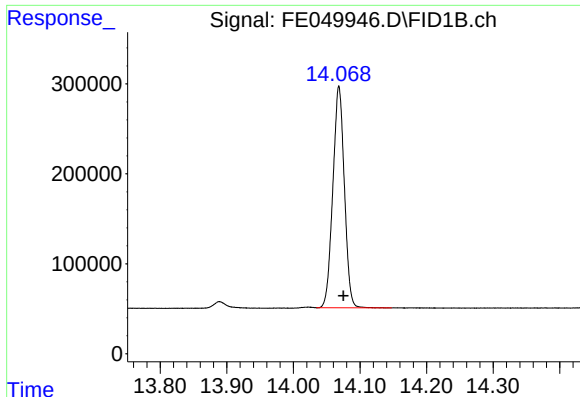
#11 n-Heneicosane (C21)

R.T.: 13.483 min
Delta R.T.: -0.007 min
Response: 2986206
Conc: 20.36 ug/ml



#12 1-chlorooctadecane (SURR)

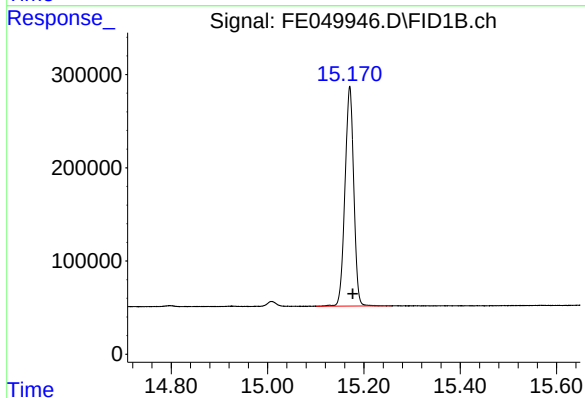
R.T.: 13.317 min
Delta R.T.: -0.006 min
Response: 2494193
Conc: 20.44 ug/ml



#13 n-Docosane (C22)

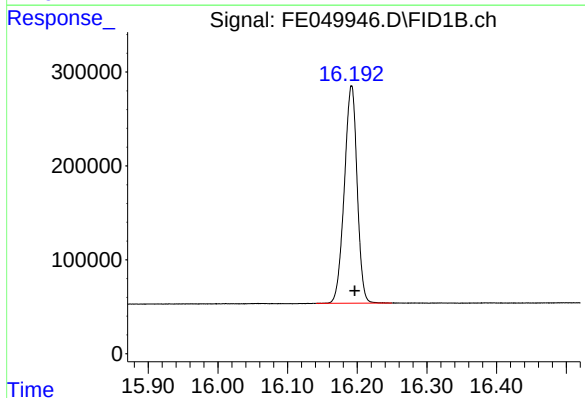
R.T.: 14.068 min
Delta R.T.: -0.007 min
Response: 2958292
Conc: 20.30 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



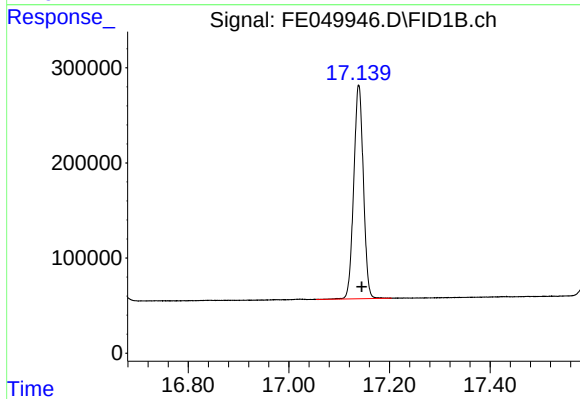
#14 n-Tetracosane (C24)

R.T.: 15.171 min
Delta R.T.: -0.006 min
Response: 2988840
Conc: 20.55 ug/ml



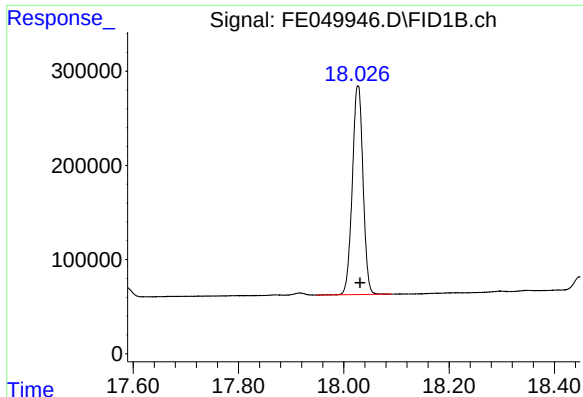
#15 n-Hexacosane (C26)

R.T.: 16.192 min
Delta R.T.: -0.005 min
Response: 2957125
Conc: 20.49 ug/ml



#16 n-Octacosane (C28)

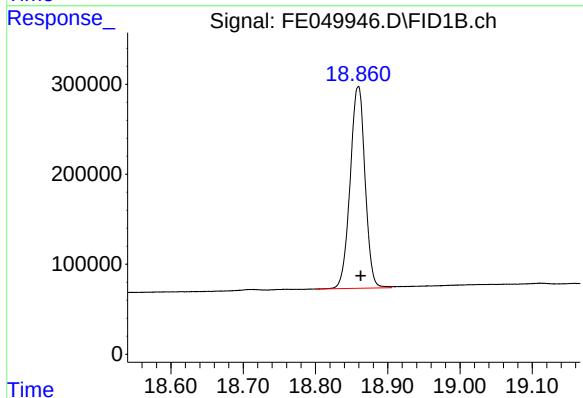
R.T.: 17.139 min
Delta R.T.: -0.006 min
Response: 2984785
Conc: 20.72 ug/ml



#17 n-Tricontane (C30)

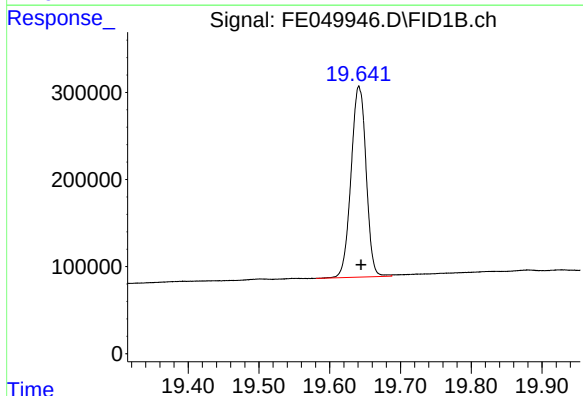
R.T.: 18.027 min
Delta R.T.: -0.004 min
Response: 3128882
Conc: 20.90 ug/ml

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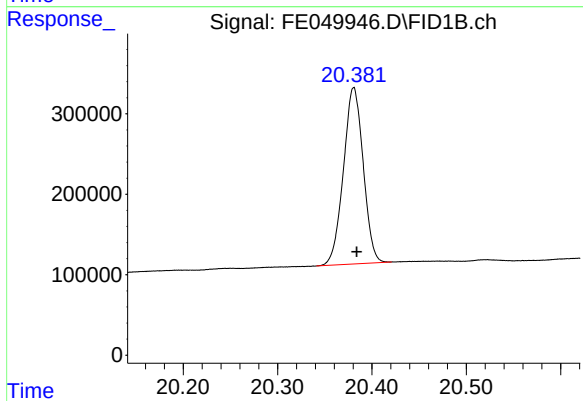
#18 n-Dotriacontane (C32)

R.T.: 18.859 min
Delta R.T.: -0.003 min
Response: 3213824
Conc: 21.24 ug/ml



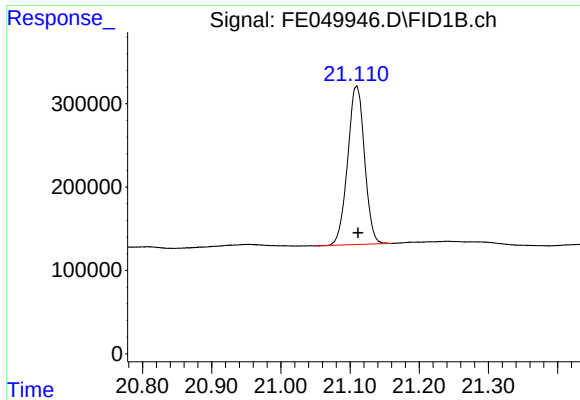
#19 n-Tetratriacontane (C34)

R.T.: 19.642 min
Delta R.T.: -0.003 min
Response: 3235524
Conc: 21.16 ug/ml



#20 n-Hexatriacontane (C36)

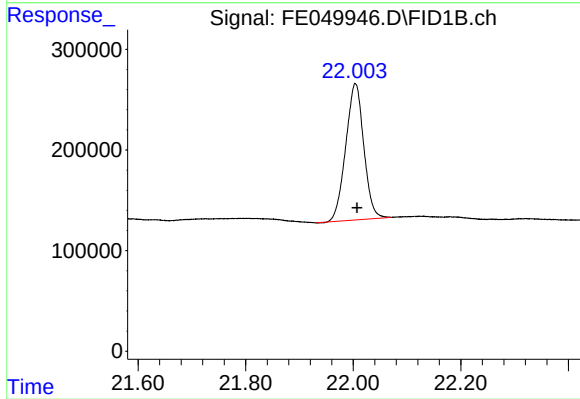
R.T.: 20.381 min
Delta R.T.: -0.003 min
Response: 3195527
Conc: 21.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.109 min
Delta R.T.: -0.002 min
Response: 3221210
Conc: 20.52 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.004 min
Delta R.T.: -0.003 min
Response: 3155274
Conc: 20.67 ug/ml