

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110924AL\
 Data File : FE051116.D
 Signal(s) : FID1B.ch
 Acq On : 08 Nov 2024 13:07
 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: sample.E
 Quant Time: Nov 09 00:42:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:56:04 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)	11.852	3055951	20.360 ug/ml
Spiked Amount 50.000		Recovery =	40.72%
12) S 1-chlorooctadecane (S...	13.286	2324094	20.471 ug/ml
Spiked Amount 50.000		Recovery =	40.94%
Target Compounds			
1) T n-Nonane (C9)	3.239	2915388	21.070 ug/ml
2) T n-Decane (C10)	4.490	2962720	21.135 ug/ml
3) T A~Naphthalene (C11.7)	6.203	2779659	21.082 ug/ml
4) T n-Dodecane (C12)	6.658	2937187	20.802 ug/ml
5) T A~2-methylnaphthalene...	7.299	2585644	20.670 ug/ml
6) T n-Tetradecane (C14)	8.485	2860077	20.522 ug/ml
7) T n-Hexadecane (C16)	10.090	2897539	20.418 ug/ml
8) T n-Octadecane (C18)	11.532	2903527	20.332 ug/ml
10) T n-Eicosane (C20)	12.840	2782504	20.332 ug/ml
11) T n-Heneicosane (C21)	13.451	2724261	20.384 ug/ml
13) T n-Docosane (C22)	14.036	2722623	20.479 ug/ml
14) T n-Tetracosane (C24)	15.137	2735985	20.624 ug/ml
15) T n-Hexacosane (C26)	16.156	2766525	20.666 ug/ml
16) T n-Octacosane (C28)	17.105	2796597	20.514 ug/ml
17) T n-Tricontane (C30)	17.993	2920078	20.099 ug/ml
18) T n-Dotriacontane (C32)	18.825	2920126	19.667 ug/ml
19) T n-Tetratriacontane (C34)	19.608	2640566	19.652 ug/ml
20) T n-Hexatriacontane (C36)	20.348	2285267	19.153 ug/ml
21) T n-Octatriacontane (C38)	21.072	2027367	17.813 ug/ml
22) T n-Tetracontane (C40)	21.955	1693472	15.226 ug/ml

(f)=RT Delta > 1/2 Window

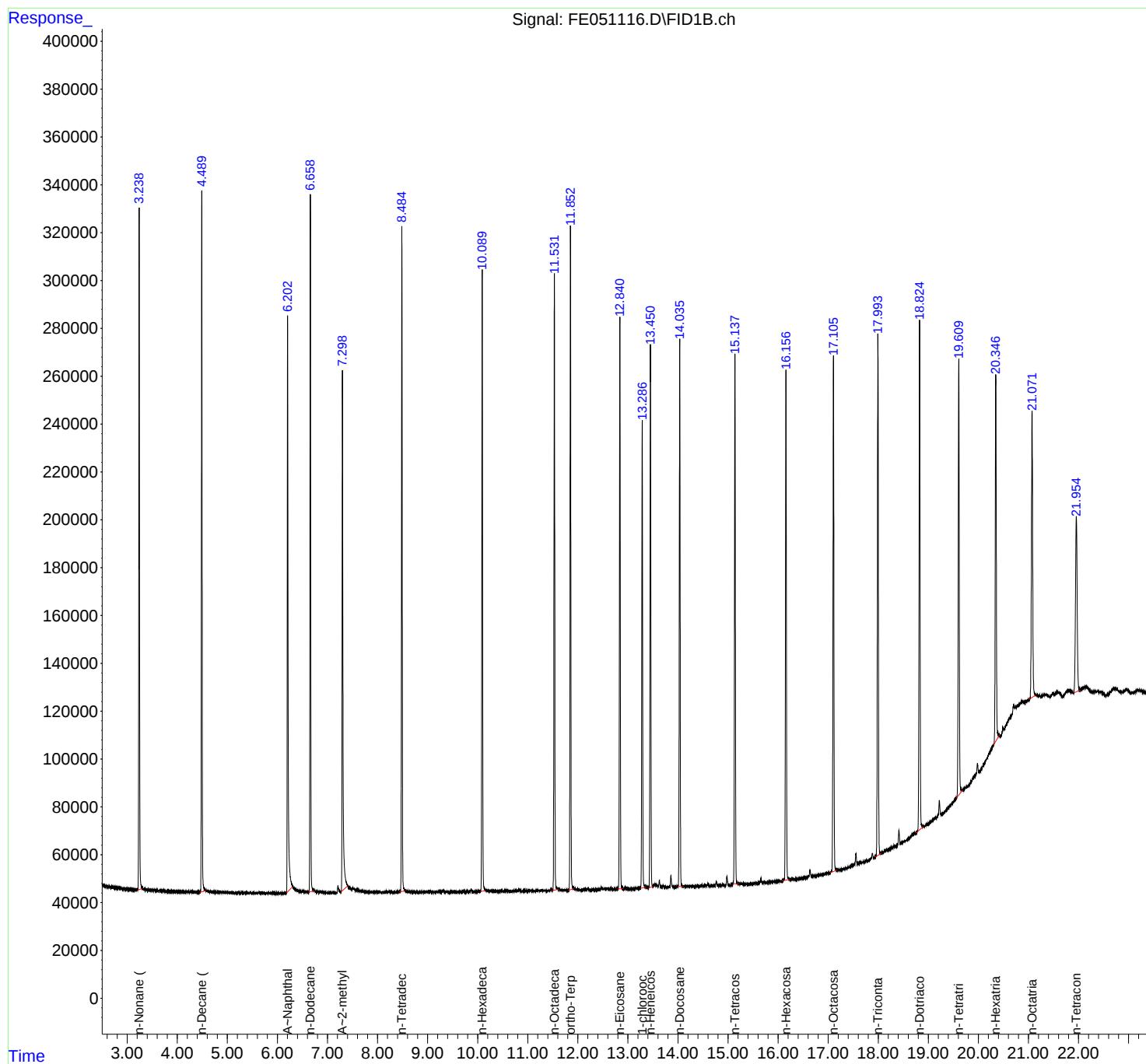
(m)=manual int.

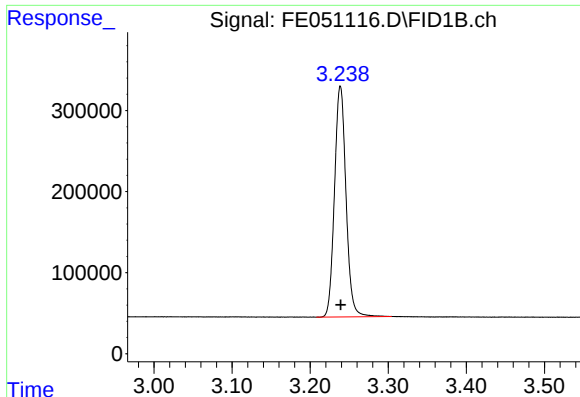
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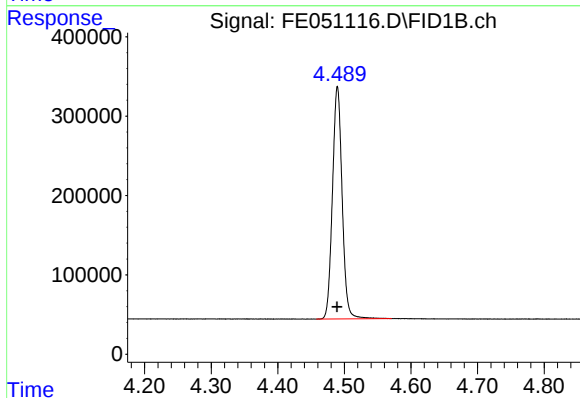




#1 n-Nonane (C9)

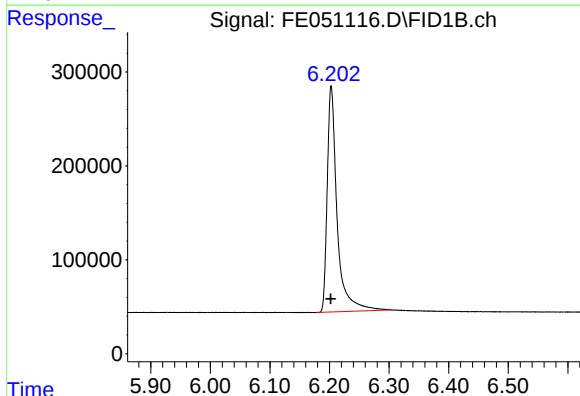
R.T.: 3.239 min
Delta R.T.: 0.000 min
Response: 2915388
Conc: 21.07 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



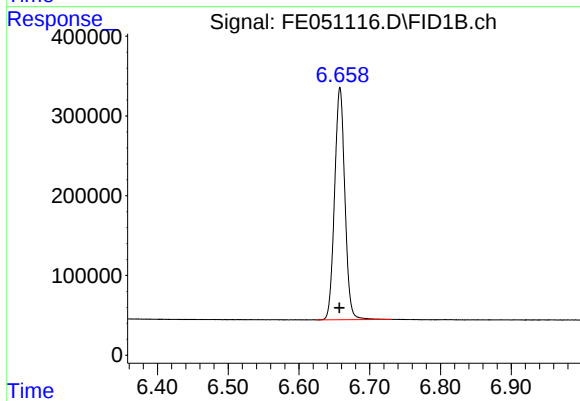
#2 n-Decane (C10)

R.T.: 4.490 min
Delta R.T.: 0.000 min
Response: 2962720
Conc: 21.14 ug/ml



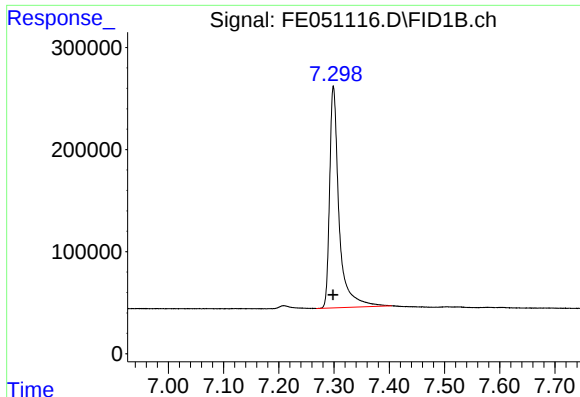
#3 A~Naphthalene (C11.7)

R.T.: 6.203 min
Delta R.T.: 0.001 min
Response: 2779659
Conc: 21.08 ug/ml



#4 n-Dodecane (C12)

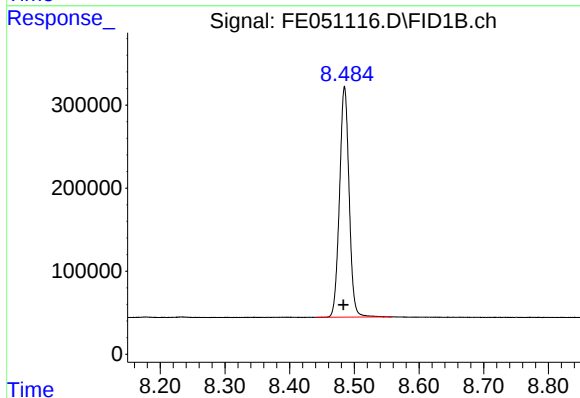
R.T.: 6.658 min
Delta R.T.: 0.000 min
Response: 2937187
Conc: 20.80 ug/ml



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

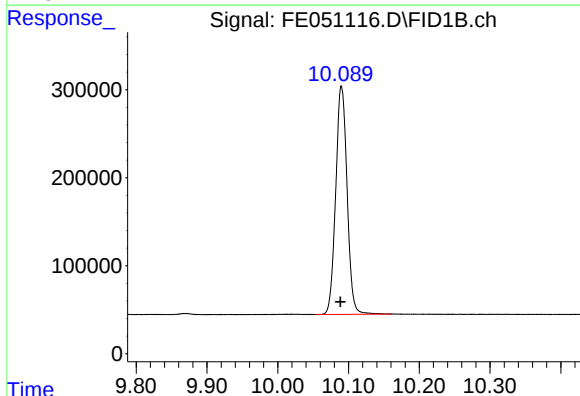
R.T.: 7.299 min
Delta R.T.: 0.001 min
Response: 2585644
Conc: 20.67 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



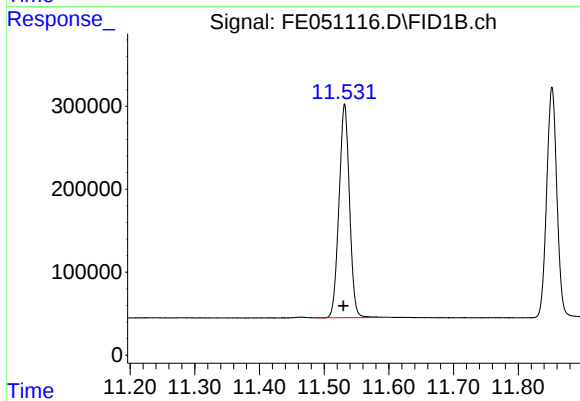
#6 n-Tetradecane (C14)

R.T.: 8.485 min
Delta R.T.: 0.002 min
Response: 2860077
Conc: 20.52 ug/ml



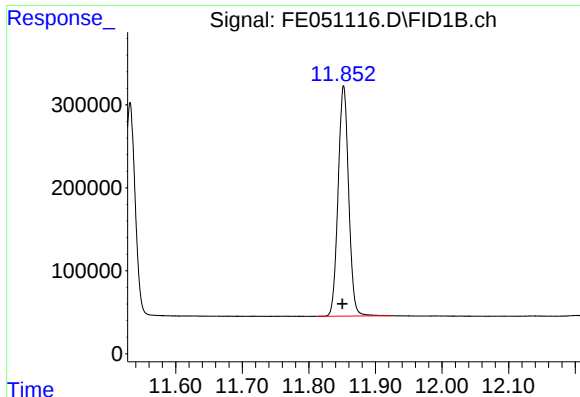
#7 n-Hexadecane (C16)

R.T.: 10.090 min
Delta R.T.: 0.002 min
Response: 2897539
Conc: 20.42 ug/ml



#8 n-Octadecane (C18)

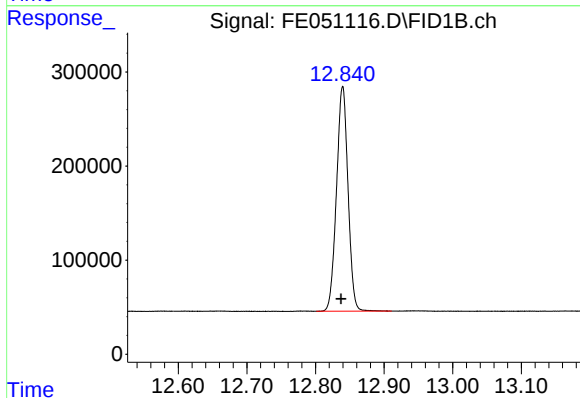
R.T.: 11.532 min
Delta R.T.: 0.002 min
Response: 2903527
Conc: 20.33 ug/ml



#9 ortho-Terphenyl (SURR)

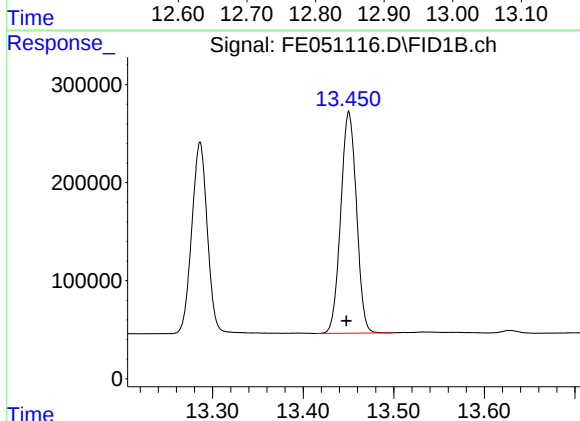
R.T.: 11.852 min
Delta R.T.: 0.002 min
Response: 3055951
Conc: 20.36 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



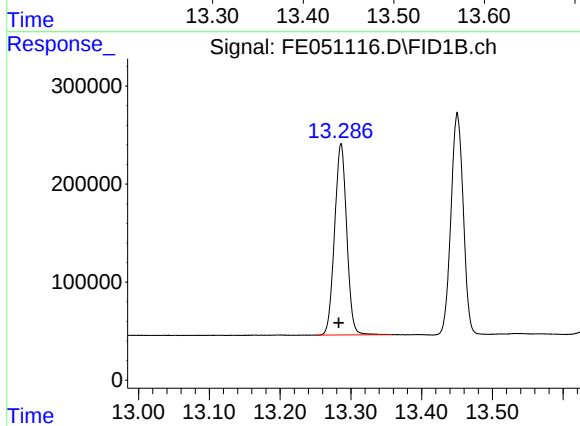
#10 n-Eicosane (C20)

R.T.: 12.840 min
Delta R.T.: 0.003 min
Response: 2782504
Conc: 20.33 ug/ml



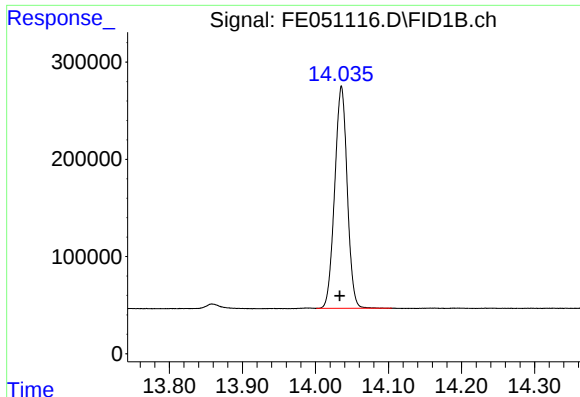
#11 n-Heneicosane (C21)

R.T.: 13.451 min
Delta R.T.: 0.003 min
Response: 2724261
Conc: 20.38 ug/ml



#12 1-chlorooctadecane (SURR)

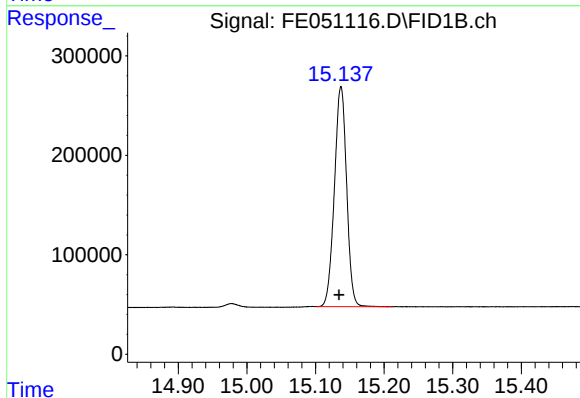
R.T.: 13.286 min
Delta R.T.: 0.003 min
Response: 2324094
Conc: 20.47 ug/ml



#13 n-Docosane (C22)

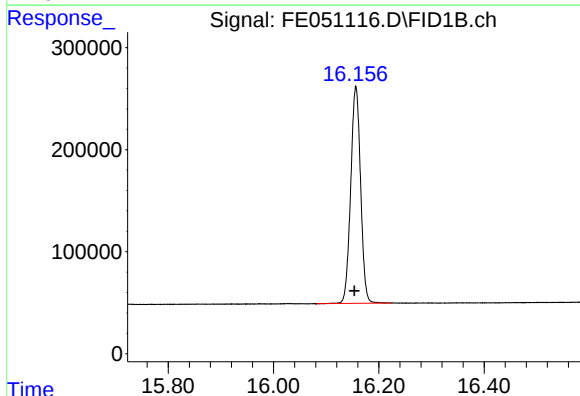
R.T.: 14.036 min
Delta R.T.: 0.002 min
Response: 2722623
Conc: 20.48 ug/ml

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20 PPM ALIPHATIC HC STD



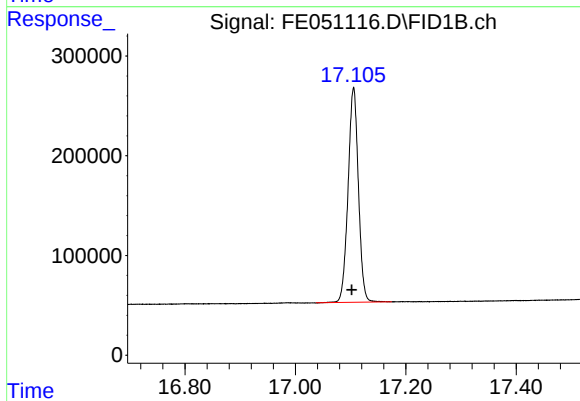
#14 n-Tetracosane (C24)

R.T.: 15.137 min
Delta R.T.: 0.003 min
Response: 2735985
Conc: 20.62 ug/ml



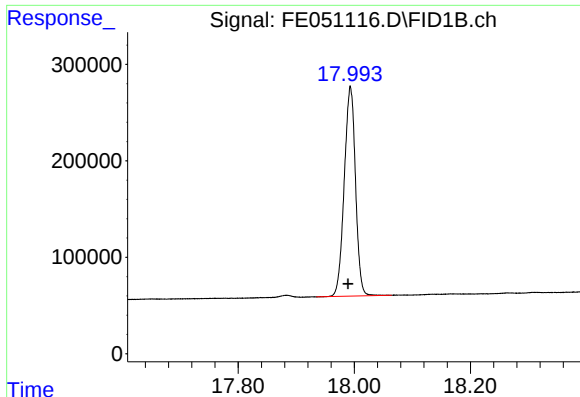
#15 n-Hexacosane (C26)

R.T.: 16.156 min
Delta R.T.: 0.003 min
Response: 2766525
Conc: 20.67 ug/ml



#16 n-Octacosane (C28)

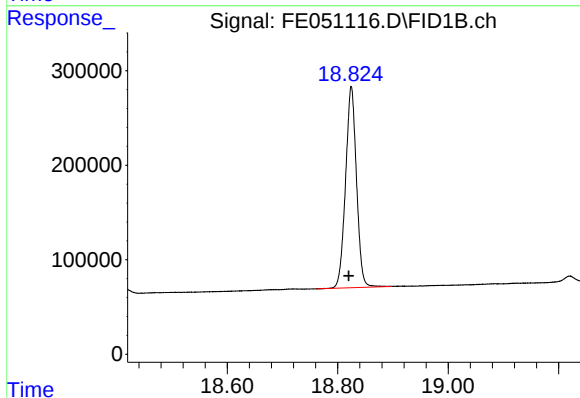
R.T.: 17.105 min
Delta R.T.: 0.003 min
Response: 2796597
Conc: 20.51 ug/ml



#17 n-Tricontane (C30)

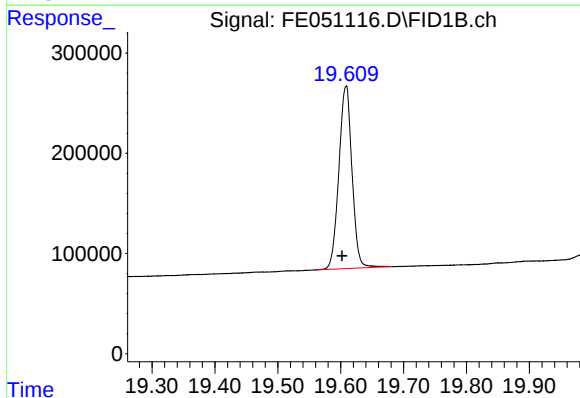
R.T.: 17.993 min
Delta R.T.: 0.004 min
Response: 2920078
Conc: 20.10 ug/ml

Instrument :
FID_E
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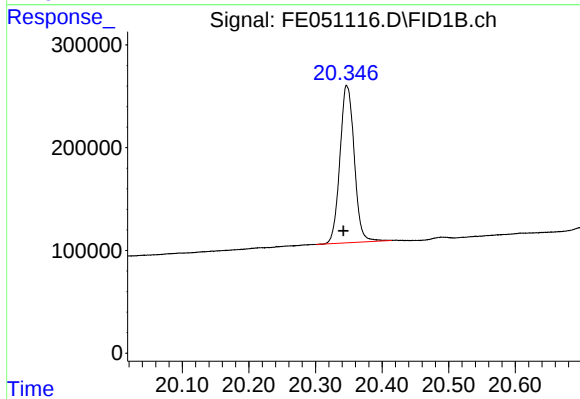
#18 n-Dotriacontane (C32)

R.T.: 18.825 min
Delta R.T.: 0.005 min
Response: 2920126
Conc: 19.67 ug/ml



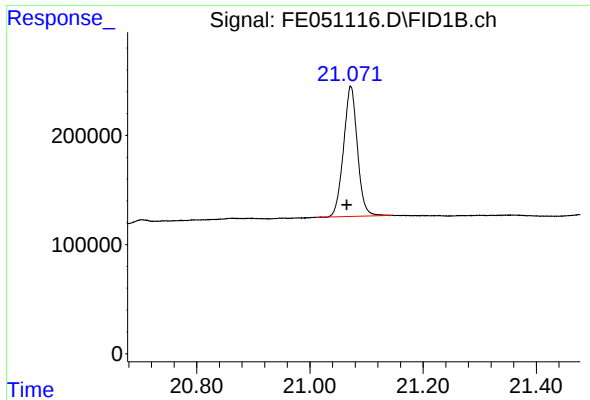
#19 n-Tetratriacontane (C34)

R.T.: 19.608 min
Delta R.T.: 0.006 min
Response: 2640566
Conc: 19.65 ug/ml



#20 n-Hexatriacontane (C36)

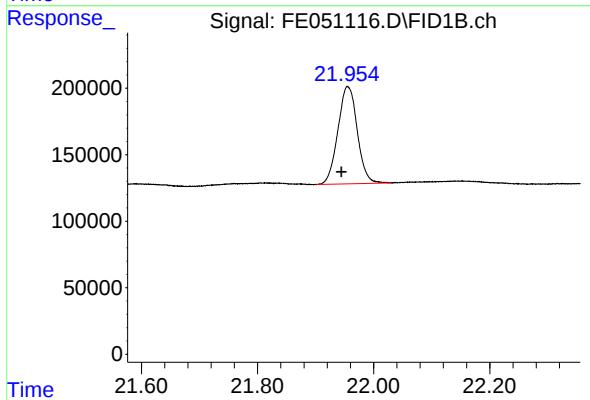
R.T.: 20.348 min
Delta R.T.: 0.006 min
Response: 2285267
Conc: 19.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.072 min
Delta R.T.: 0.007 min
Response: 2027367
Conc: 17.81 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.955 min
Delta R.T.: 0.011 min
Response: 1693472
Conc: 15.23 ug/ml