

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011524AL\
 Data File : FE046216.D
 Signal(s) : FID1B.ch
 Acq On : 15 Jan 2024 11:00
 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 02:32:36 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)	11.830	4058440	22.333 ug/ml
Spiked Amount 50.000		Recovery =	44.67%
12) S 1-chlorooctadecane (S...	13.273	2985967	22.348 ug/ml
Spiked Amount 50.000		Recovery =	44.70%
Target Compounds			
1) T n-Nonane (C9)	3.213	3086992	20.170 ug/ml
2) T n-Decane (C10)	4.464	3270995	21.076 ug/ml
3) T A~Naphthalene (C11.7)	6.167	3487875	20.973 ug/ml
4) T n-Dodecane (C12)	6.632	3343670	21.415 ug/ml
5) T A~2-methylnaphthalene...	7.264	3411382	21.427 ug/ml
6) T n-Tetradecane (C14)	8.458	3344952	21.473 ug/ml
7) T n-Hexadecane (C16)	10.070	3438302	21.712 ug/ml
8) T n-Octadecane (C18)	11.516	3451073	21.927 ug/ml
10) T n-Eicosane (C20)	12.827	3357556	22.195 ug/ml
11) T n-Heneicosane (C21)	13.441	3308223	22.497 ug/ml
13) T n-Docosane (C22)	14.027	3248581	22.224 ug/ml
14) T n-Tetracosane (C24)	15.133	3183048	21.947 ug/ml
15) T n-Hexacosane (C26)	16.157	3091557	21.564 ug/ml
16) T n-Octacosane (C28)	17.109	3064902	21.370 ug/ml
17) T n-Tricontane (C30)	17.999	3222467	21.680 ug/ml
18) T n-Dotriacontane (C32)	18.835	3264989	21.830 ug/ml
19) T n-Tetratriacontane (C34)	19.622	3278181	22.883 ug/ml
20) T n-Hexatriacontane (C36)	20.364	3119062	21.393 ug/ml
21) T n-Octatriacontane (C38)	21.097	3280301	22.246 ug/ml
22) T n-Tetracontane (C40)	21.990	3393654	21.681 ug/ml

(f)=RT Delta > 1/2 Window

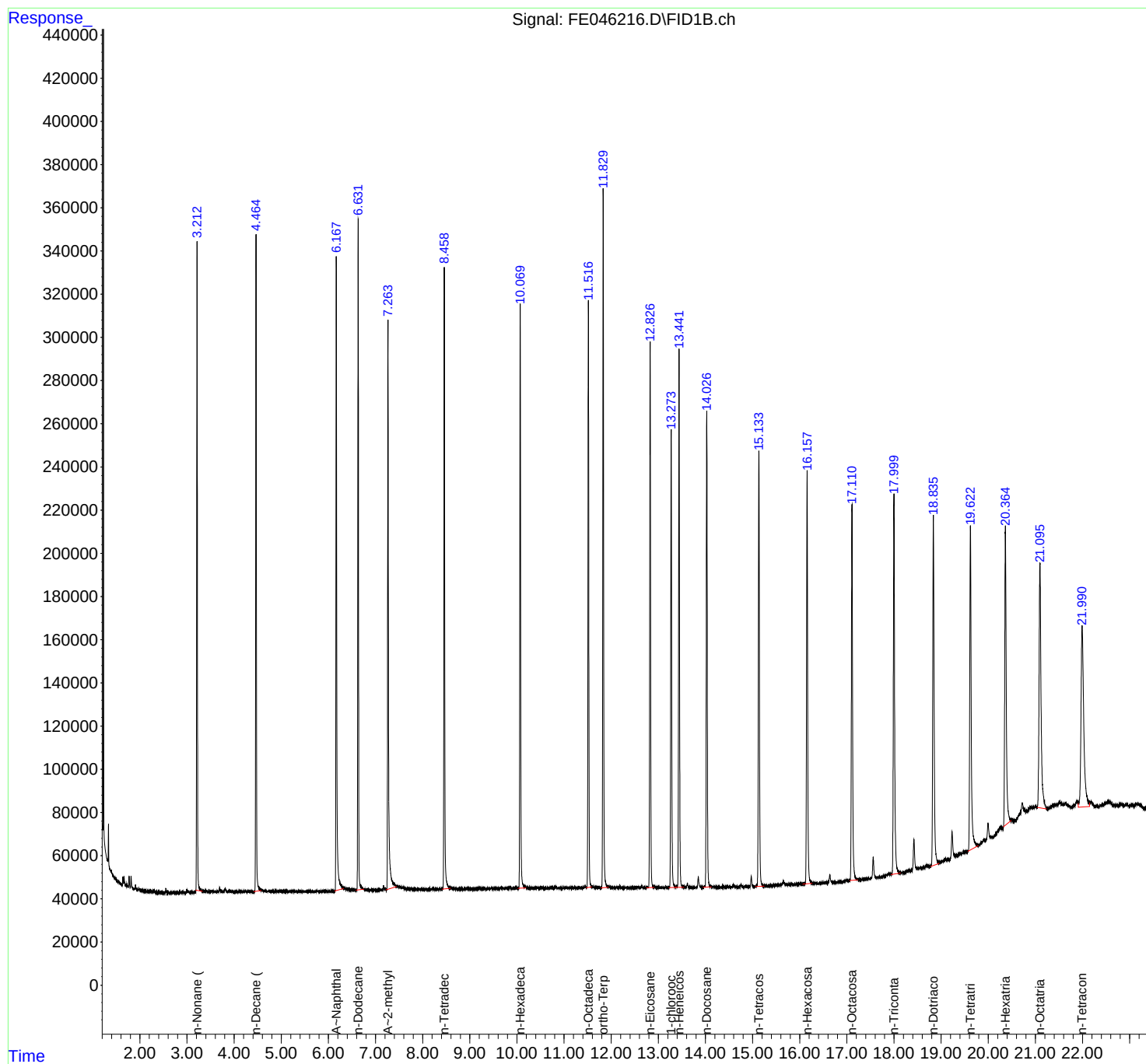
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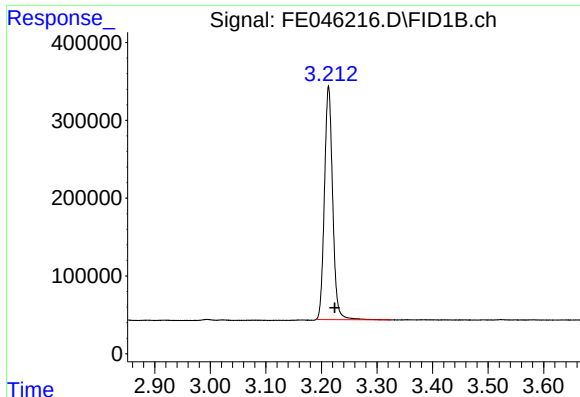
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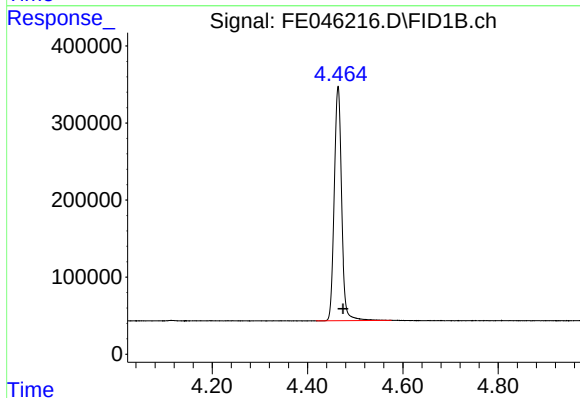




#1 n-Nonane (C9)

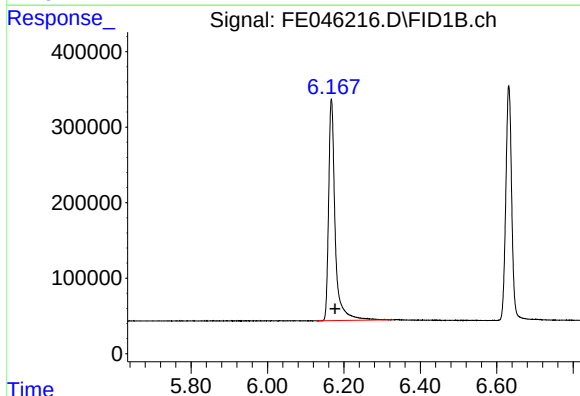
R.T.: 3.213 min
Delta R.T.: -0.011 min
Response: 3086992
Conc: 20.17 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



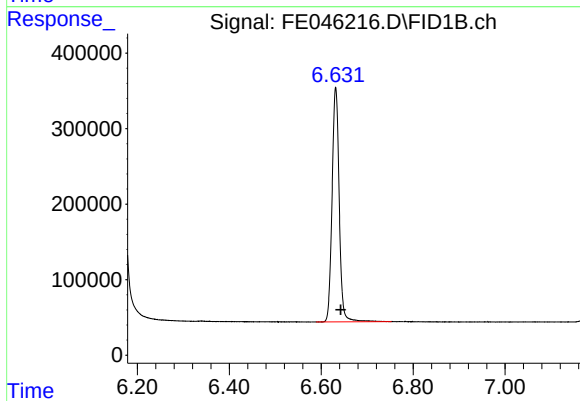
#2 n-Decane (C10)

R.T.: 4.464 min
Delta R.T.: -0.011 min
Response: 3270995
Conc: 21.08 ug/ml



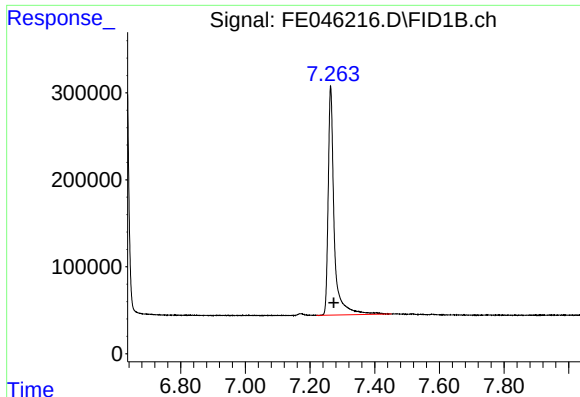
#3 A~Naphthalene (C11.7)

R.T.: 6.167 min
Delta R.T.: -0.010 min
Response: 3487875
Conc: 20.97 ug/ml



#4 n-Dodecane (C12)

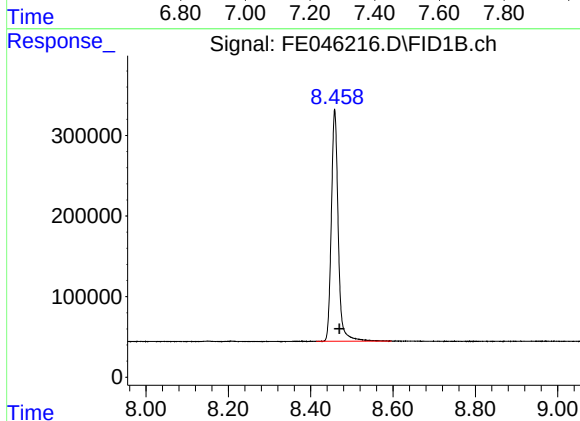
R.T.: 6.632 min
Delta R.T.: -0.011 min
Response: 3343670
Conc: 21.42 ug/ml



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

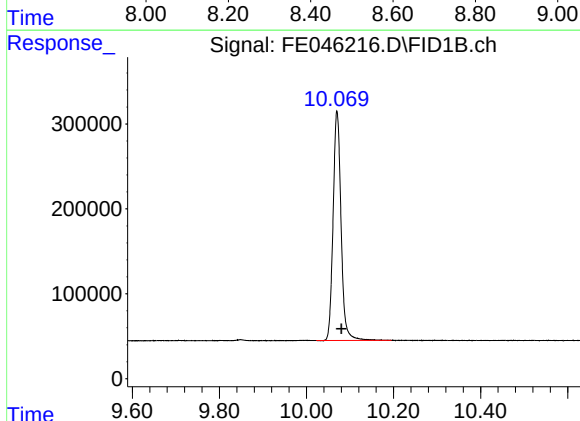
R.T.: 7.264 min
Delta R.T.: -0.010 min
Response: 3411382
Conc: 21.43 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



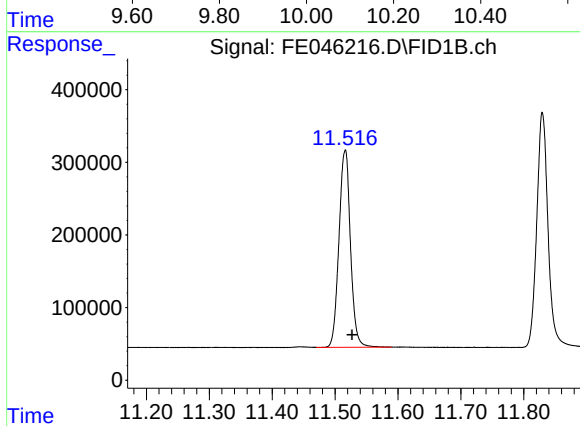
#6 n-Tetradecane (C14)

R.T.: 8.458 min
Delta R.T.: -0.011 min
Response: 3344952
Conc: 21.47 ug/ml



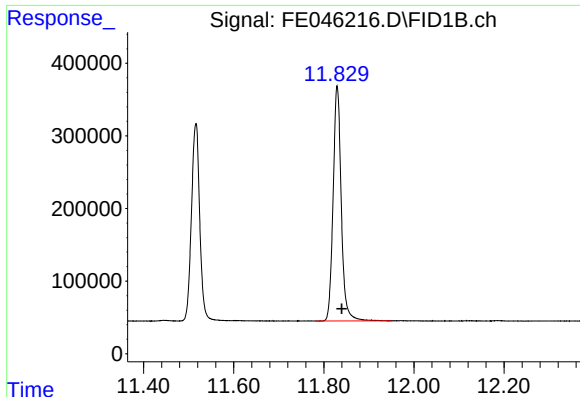
#7 n-Hexadecane (C16)

R.T.: 10.070 min
Delta R.T.: -0.010 min
Response: 3438302
Conc: 21.71 ug/ml



#8 n-Octadecane (C18)

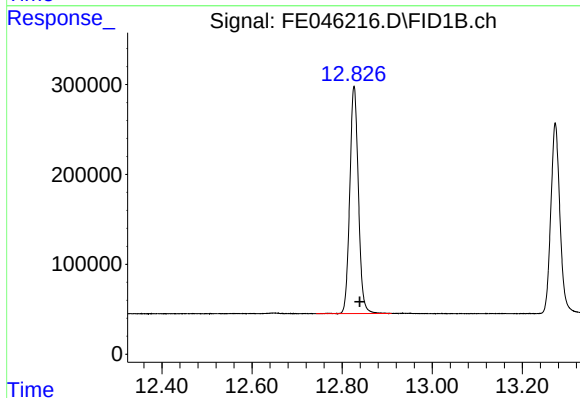
R.T.: 11.516 min
Delta R.T.: -0.011 min
Response: 3451073
Conc: 21.93 ug/ml



#9 ortho-Terphenyl (SURR)

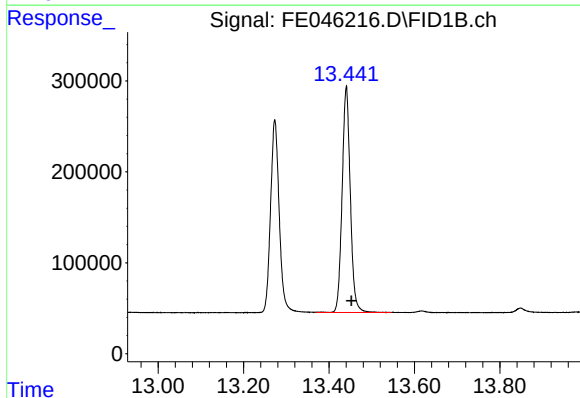
R.T.: 11.830 min
Delta R.T.: -0.011 min
Response: 4058440
Conc: 22.33 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



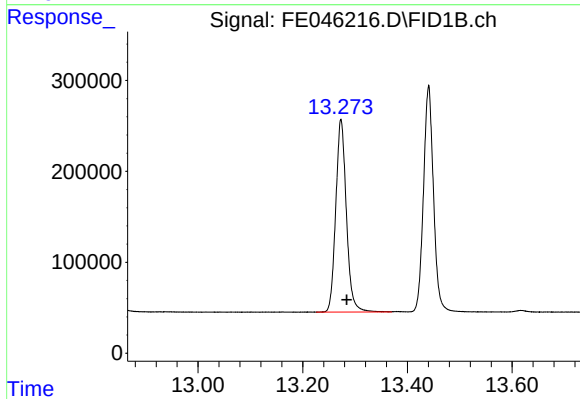
#10 n-Eicosane (C20)

R.T.: 12.827 min
Delta R.T.: -0.012 min
Response: 3357556
Conc: 22.19 ug/ml



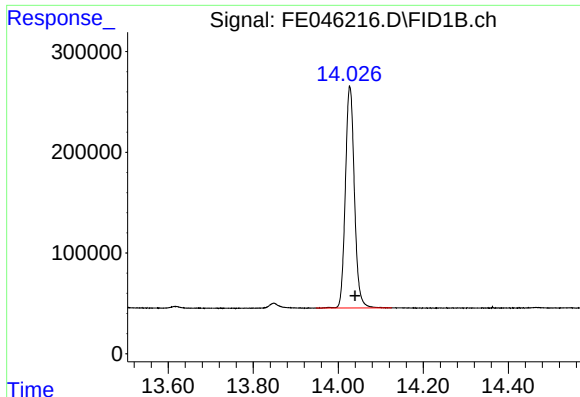
#11 n-Heneicosane (C21)

R.T.: 13.441 min
Delta R.T.: -0.012 min
Response: 3308223
Conc: 22.50 ug/ml



#12 1-chlorooctadecane (SURR)

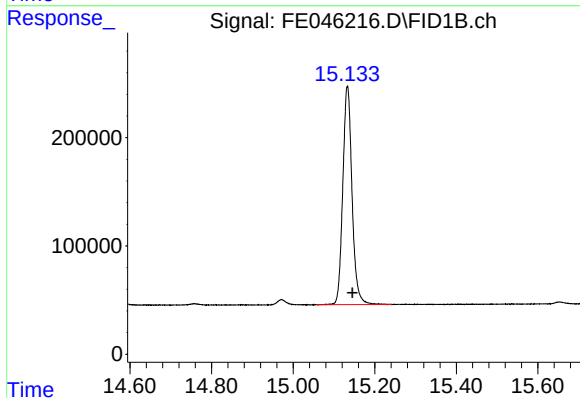
R.T.: 13.273 min
Delta R.T.: -0.011 min
Response: 2985967
Conc: 22.35 ug/ml



#13 n-Docosane (C22)

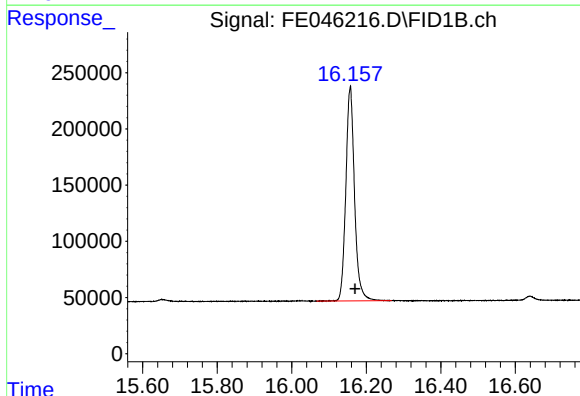
R.T.: 14.027 min
Delta R.T.: -0.012 min
Response: 3248581
Conc: 22.22 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



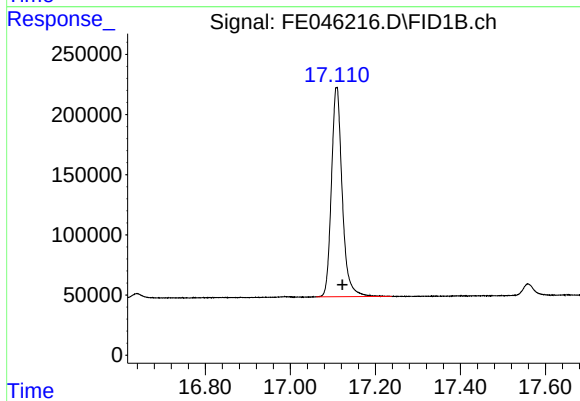
#14 n-Tetracosane (C24)

R.T.: 15.133 min
Delta R.T.: -0.012 min
Response: 3183048
Conc: 21.95 ug/ml



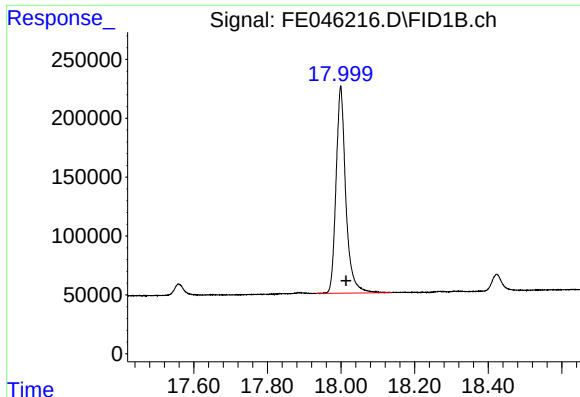
#15 n-Hexacosane (C26)

R.T.: 16.157 min
Delta R.T.: -0.013 min
Response: 3091557
Conc: 21.56 ug/ml



#16 n-Octacosane (C28)

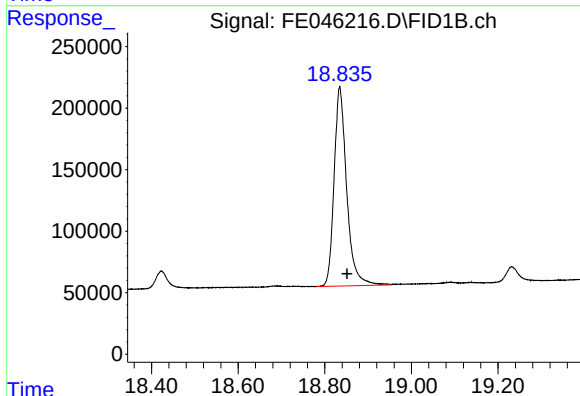
R.T.: 17.109 min
Delta R.T.: -0.014 min
Response: 3064902
Conc: 21.37 ug/ml



#17 n-Tricontane (C30)

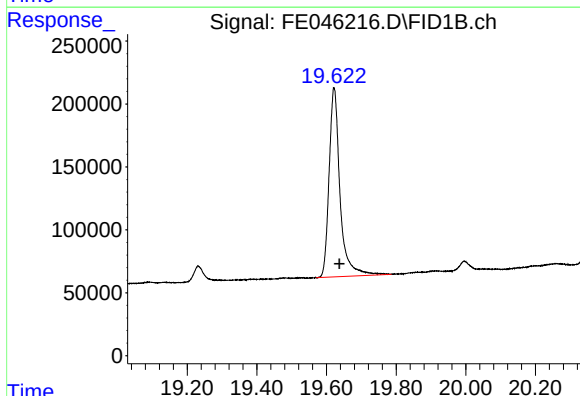
R.T.: 17.999 min
Delta R.T.: -0.015 min
Response: 3222467
Conc: 21.68 ug/ml

Instrument :
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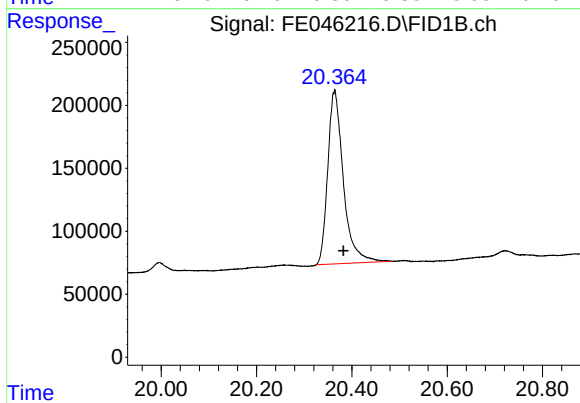
#18 n-Dotriacontane (C32)

R.T.: 18.835 min
Delta R.T.: -0.017 min
Response: 3264989
Conc: 21.83 ug/ml



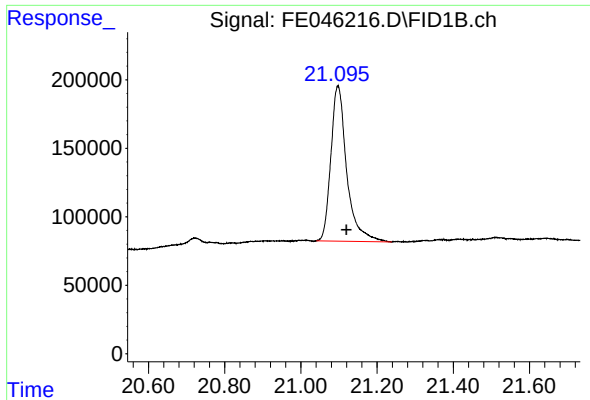
#19 n-Tetratriacontane (C34)

R.T.: 19.622 min
Delta R.T.: -0.015 min
Response: 3278181
Conc: 22.88 ug/ml



#20 n-Hexatriacontane (C36)

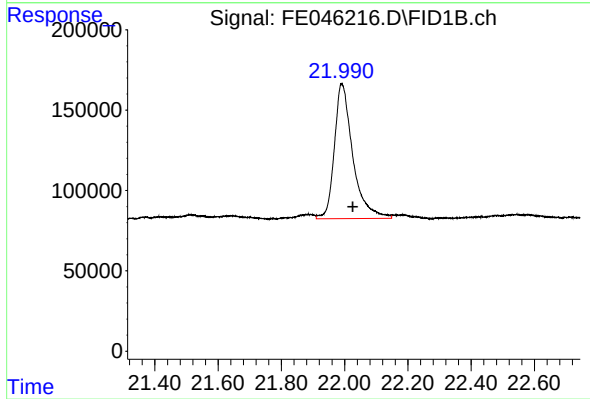
R.T.: 20.364 min
Delta R.T.: -0.018 min
Response: 3119062
Conc: 21.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.097 min
Delta R.T.: -0.023 min
Response: 3280301
Conc: 22.25 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.990 min
Delta R.T.: -0.035 min
Response: 3393654
Conc: 21.68 ug/ml