

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110923AL\
 Data File : FE045244.D
 Signal(s) : FID1B.ch
 Acq On : 09 Nov 2023 08:49
 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: Nov 09 22:32:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 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)	11.884	3751987	19.651 ug/ml
Spiked Amount 50.000		Recovery =	39.30%
12) S 1-chlorooctadecane (S...	13.327	2652395	19.257 ug/ml
Spiked Amount 50.000		Recovery =	38.51%
Target Compounds			
1) T n-Nonane (C9)	3.270	3198714	19.363 ug/ml
2) T n-Decane (C10)	4.521	3282714	19.577 ug/ml
3) T A~Naphthalene (C11.7)	6.221	3470035	19.440 ug/ml
4) T n-Dodecane (C12)	6.686	3303051	19.558 ug/ml
5) T A~2-methylnaphthalene...	7.317	3323244	19.353 ug/ml
6) T n-Tetradecane (C14)	8.513	3234015	19.404 ug/ml
7) T n-Hexadecane (C16)	10.124	3268426	19.431 ug/ml
8) T n-Octadecane (C18)	11.570	3247156	19.401 ug/ml
10) T n-Eicosane (C20)	12.882	3087899	19.493 ug/ml
11) T n-Heneicosane (C21)	13.495	3000502	19.515 ug/ml
13) T n-Docosane (C22)	14.082	2956483	19.513 ug/ml
14) T n-Tetracosane (C24)	15.187	2915079	19.682 ug/ml
15) T n-Hexacosane (C26)	16.211	2877468	19.742 ug/ml
16) T n-Octacosane (C28)	17.163	2925235	20.018 ug/ml
17) T n-Tricontane (C30)	18.053	3115462	20.510 ug/ml
18) T n-Dotriacontane (C32)	18.888	3261810	20.879 ug/ml
19) T n-Tetratriacontane (C34)	19.674	3223168	20.643 ug/ml
20) T n-Hexatriacontane (C36)	20.416	3255726	20.058 ug/ml
21) T n-Octatriacontane (C38)	21.155	3235769	19.476 ug/ml
22) T n-Tetracontane (C40)	22.068	3134035	18.348 ug/ml

(f)=RT Delta > 1/2 Window

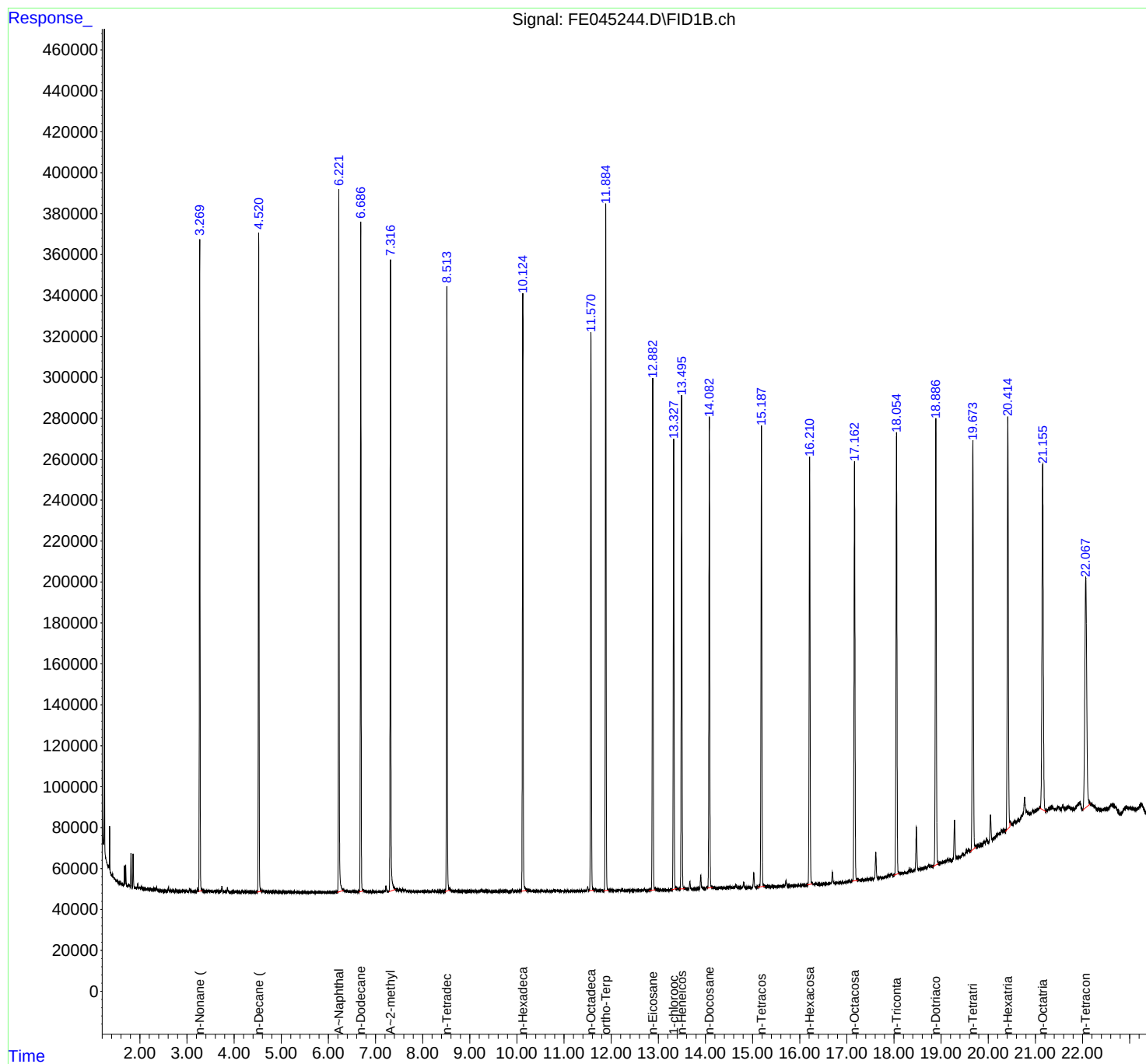
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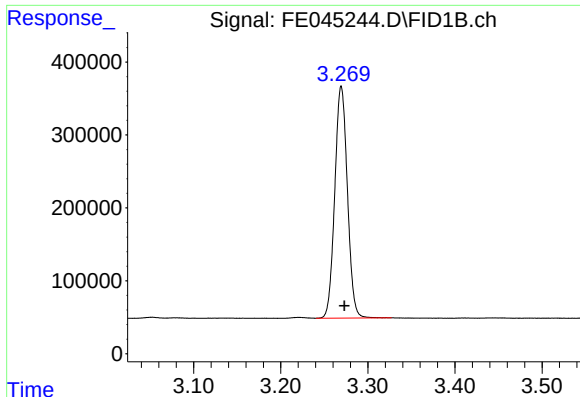
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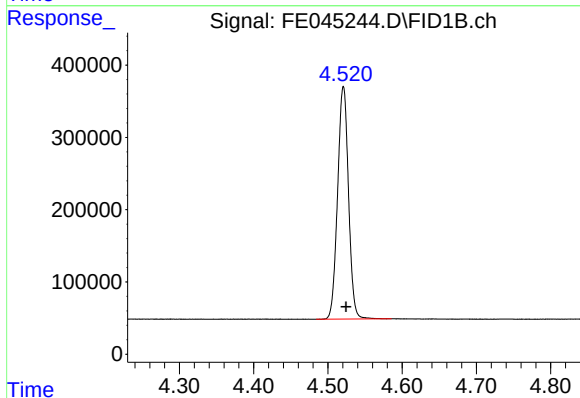




#1 n-Nonane (C9)

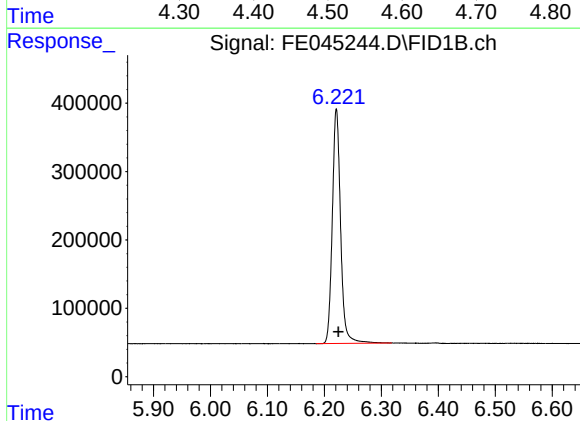
R.T.: 3.270 min
Delta R.T.: -0.003 min
Response: 3198714
Conc: 19.36 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



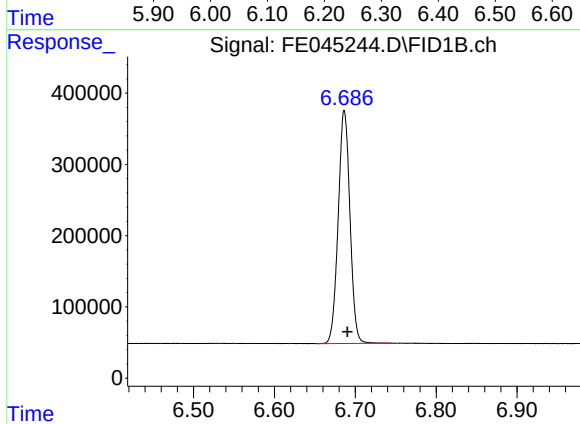
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: -0.003 min
Response: 3282714
Conc: 19.58 ug/ml



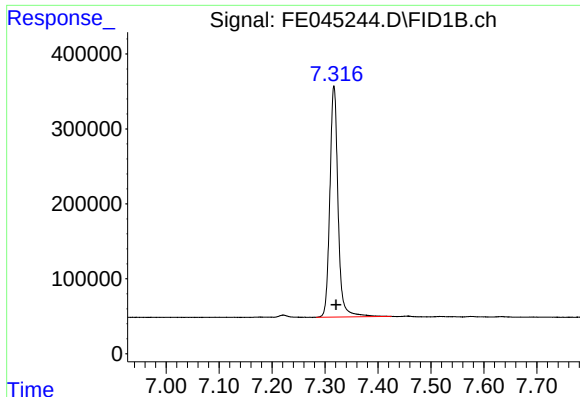
#3 A~Naphthalene (C11.7)

R.T.: 6.221 min
Delta R.T.: -0.004 min
Response: 3470035
Conc: 19.44 ug/ml



#4 n-Dodecane (C12)

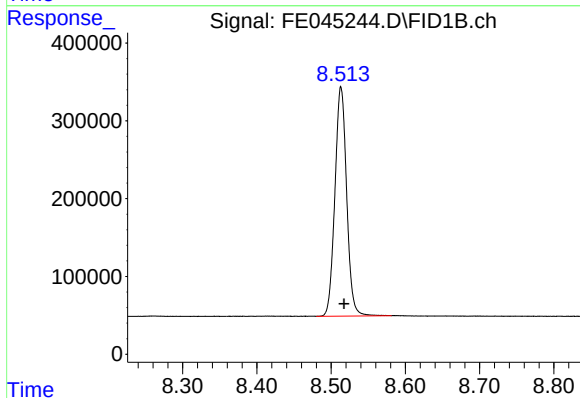
R.T.: 6.686 min
Delta R.T.: -0.004 min
Response: 3303051
Conc: 19.56 ug/ml



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

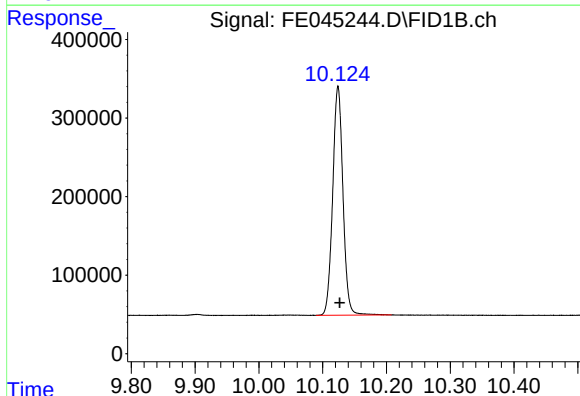
R.T.: 7.317 min
Delta R.T.: -0.004 min
Response: 3323244
Conc: 19.35 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



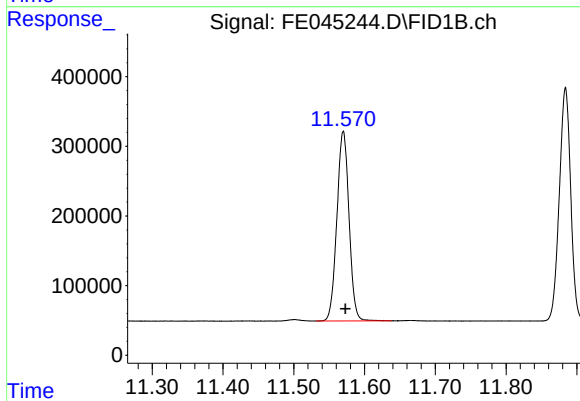
#6 n-Tetradecane (C14)

R.T.: 8.513 min
Delta R.T.: -0.004 min
Response: 3234015
Conc: 19.40 ug/ml



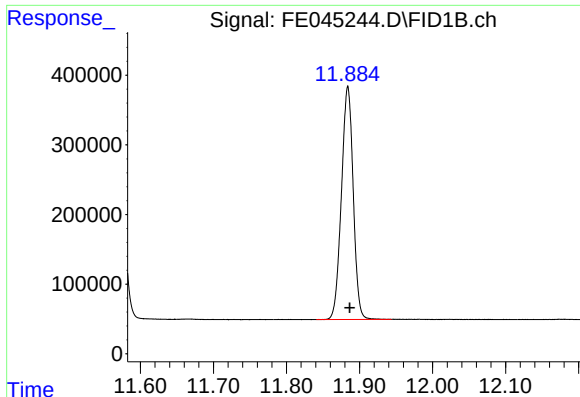
#7 n-Hexadecane (C16)

R.T.: 10.124 min
Delta R.T.: -0.003 min
Response: 3268426
Conc: 19.43 ug/ml



#8 n-Octadecane (C18)

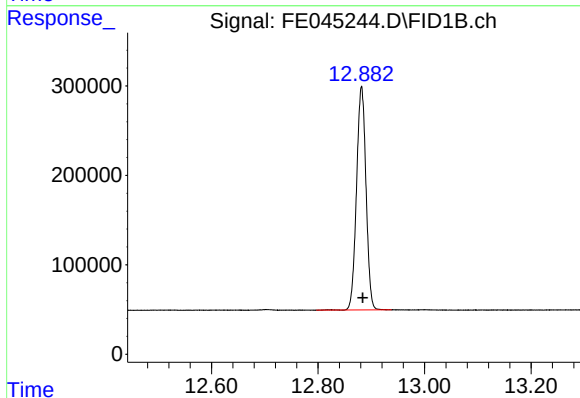
R.T.: 11.570 min
Delta R.T.: -0.003 min
Response: 3247156
Conc: 19.40 ug/ml



#9 ortho-Terphenyl (SURR)

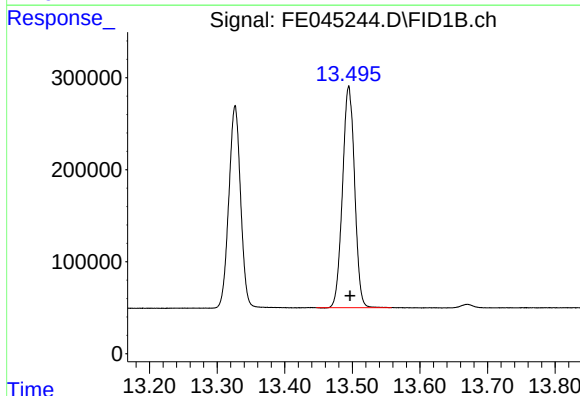
R.T.: 11.884 min
Delta R.T.: -0.003 min
Response: 3751987
Conc: 19.65 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



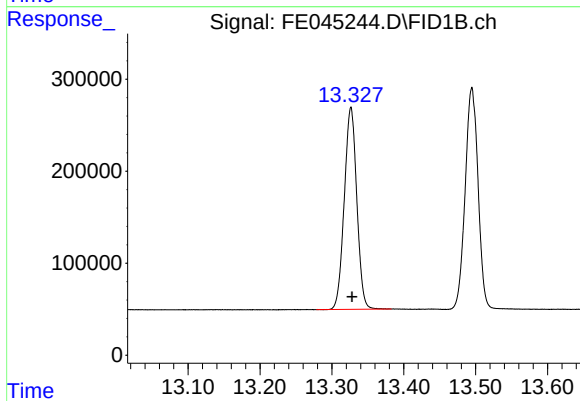
#10 n-Eicosane (C20)

R.T.: 12.882 min
Delta R.T.: -0.002 min
Response: 3087899
Conc: 19.49 ug/ml



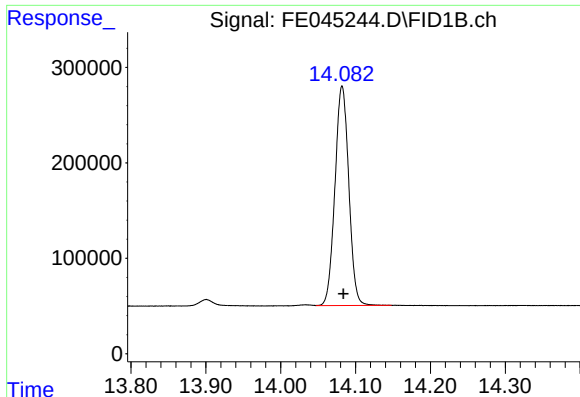
#11 n-Heneicosane (C21)

R.T.: 13.495 min
Delta R.T.: -0.002 min
Response: 3000502
Conc: 19.51 ug/ml



#12 1-chlorooctadecane (SURR)

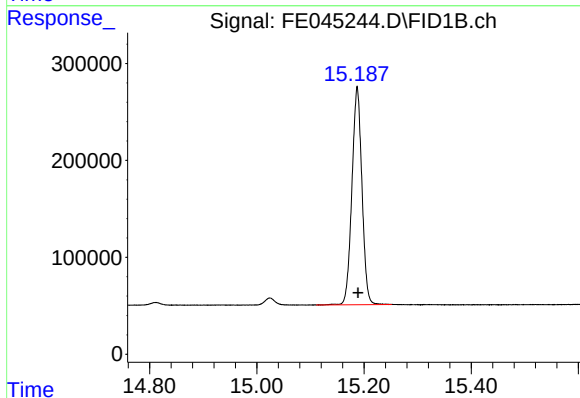
R.T.: 13.327 min
Delta R.T.: -0.002 min
Response: 2652395
Conc: 19.26 ug/ml



#13 n-Docosane (C22)

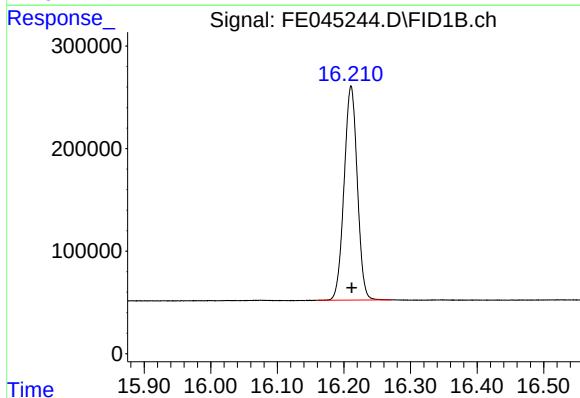
R.T.: 14.082 min
Delta R.T.: -0.002 min
Response: 2956483
Conc: 19.51 ug/ml

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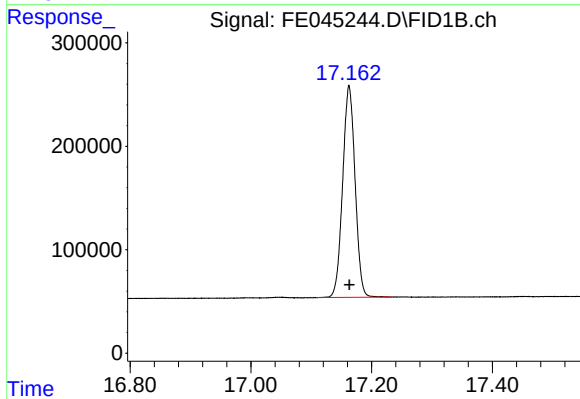
#14 n-Tetracosane (C24)

R.T.: 15.187 min
Delta R.T.: -0.002 min
Response: 2915079
Conc: 19.68 ug/ml



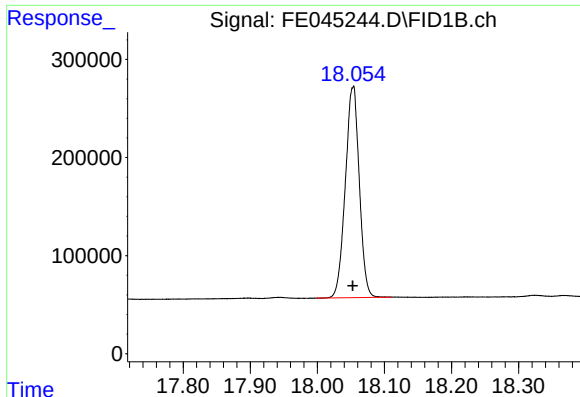
#15 n-Hexacosane (C26)

R.T.: 16.211 min
Delta R.T.: -0.001 min
Response: 2877468
Conc: 19.74 ug/ml



#16 n-Octacosane (C28)

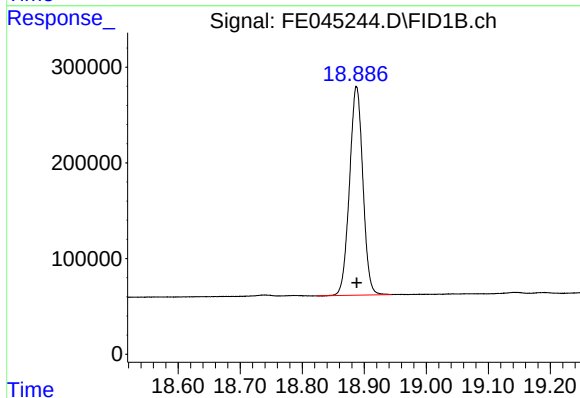
R.T.: 17.163 min
Delta R.T.: 0.000 min
Response: 2925235
Conc: 20.02 ug/ml



#17 n-Tricontane (C30)

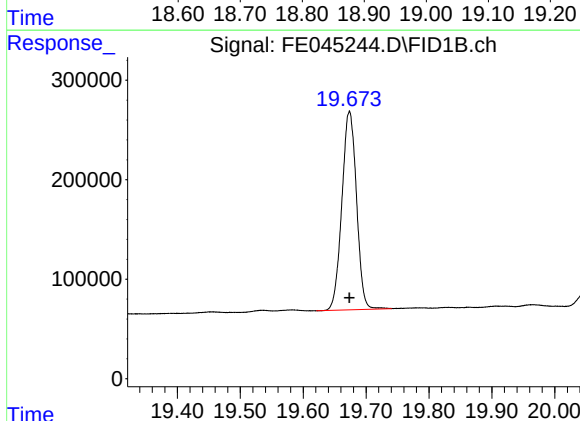
R.T.: 18.053 min
Delta R.T.: 0.000 min
Response: 3115462
Conc: 20.51 ug/ml

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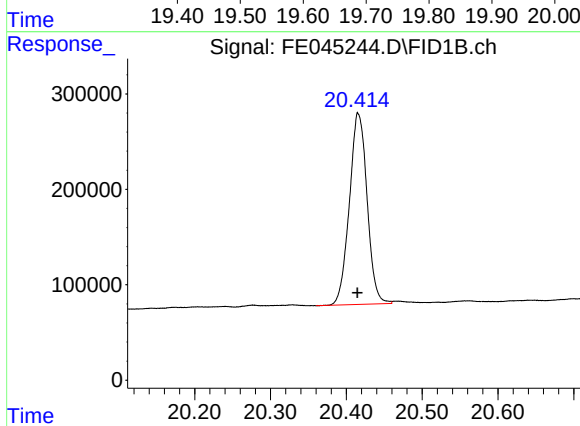
#18 n-Dotriacontane (C32)

R.T.: 18.888 min
Delta R.T.: 0.000 min
Response: 3261810
Conc: 20.88 ug/ml



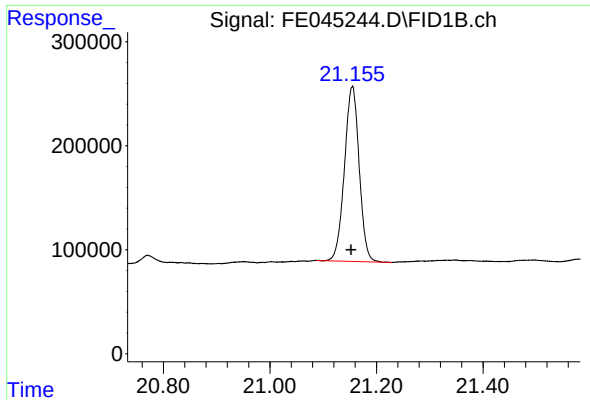
#19 n-Tetratriacontane (C34)

R.T.: 19.674 min
Delta R.T.: 0.000 min
Response: 3223168
Conc: 20.64 ug/ml



#20 n-Hexatriacontane (C36)

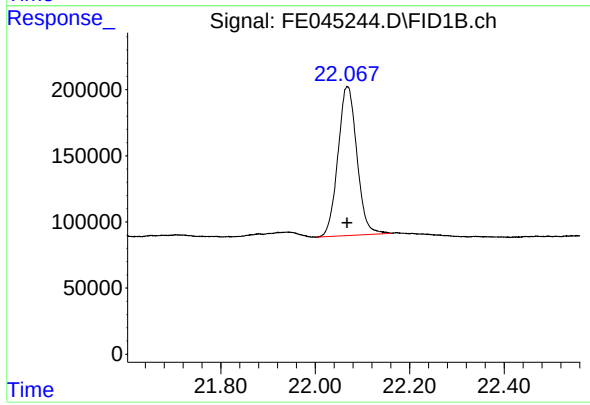
R.T.: 20.416 min
Delta R.T.: 0.000 min
Response: 3255726
Conc: 20.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.155 min
Delta R.T.: 0.002 min
Response: 3235769
Conc: 19.48 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.068 min
Delta R.T.: 0.000 min
Response: 3134035
Conc: 18.35 ug/ml