

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070323AL\
 Data File : FE043040.D
 Signal(s) : FID1B.ch
 Acq On : 03 Jul 2023 08:40
 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: autoint1.e
 Quant Time: Jul 04 07:11:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 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)	11.908	3593556	19.562 ug/ml
Spiked Amount 50.000		Recovery =	39.12%
12) S 1-chlorooctadecane (S...	13.345	2646546	19.447 ug/ml
Spiked Amount 50.000		Recovery =	38.89%
Target Compounds			
1) T n-Nonane (C9)	3.287	3044819	19.711 ug/ml
2) T n-Decane (C10)	4.539	3139119	19.873 ug/ml
3) T A~Naphthalene (C11.7)	6.248	3352488	19.799 ug/ml
4) T n-Dodecane (C12)	6.709	3171264	19.812 ug/ml
5) T A~2-methylnaphthalene...	7.345	3185665	19.648 ug/ml
6) T n-Tetradecane (C14)	8.539	3170081	19.919 ug/ml
7) T n-Hexadecane (C16)	10.146	3270897	19.860 ug/ml
8) T n-Octadecane (C18)	11.590	3299488	19.850 ug/ml
10) T n-Eicosane (C20)	12.899	3134856	19.756 ug/ml
11) T n-Heneicosane (C21)	13.511	3050575	19.718 ug/ml
13) T n-Docosane (C22)	14.098	2996199	19.669 ug/ml
14) T n-Tetracosane (C24)	15.200	2930910	19.754 ug/ml
15) T n-Hexacosane (C26)	16.221	2841940	19.879 ug/ml
16) T n-Octacosane (C28)	17.171	2827868	20.389 ug/ml
17) T n-Tricontane (C30)	18.058	3033948	21.452 ug/ml
18) T n-Dotriacontane (C32)	18.892	3098989	22.095 ug/ml
19) T n-Tetratriacontane (C34)	19.675	2978039	21.762 ug/ml
20) T n-Hexatriacontane (C36)	20.416	2878569	21.524 ug/ml
21) T n-Octatriacontane (C38)	21.156	2854023	20.933 ug/ml
22) T n-Tetracontane (C40)	22.071	3328052	23.921 ug/ml

(f)=RT Delta > 1/2 Window

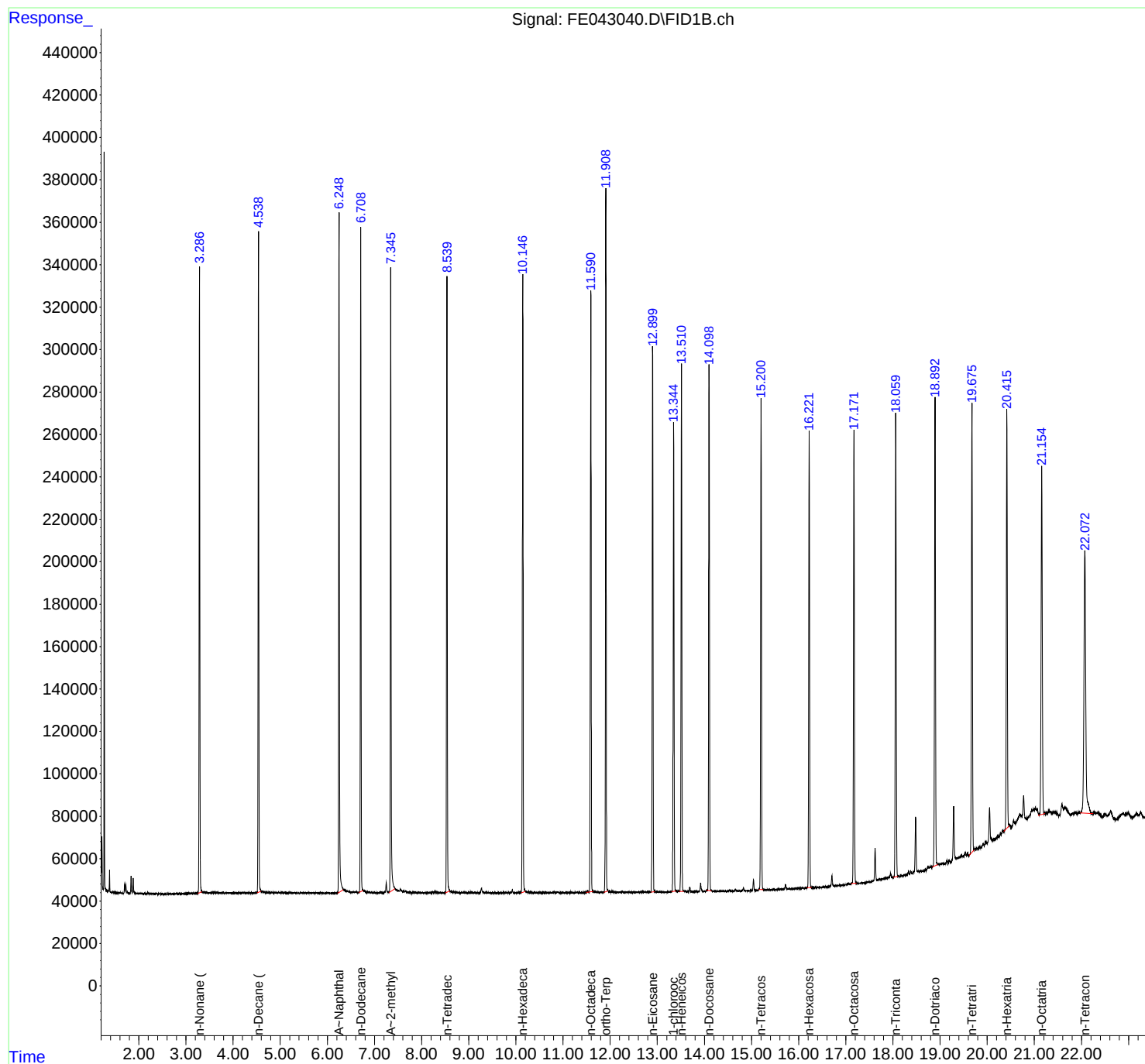
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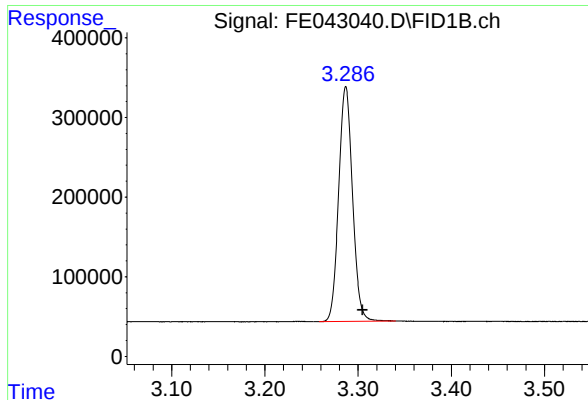
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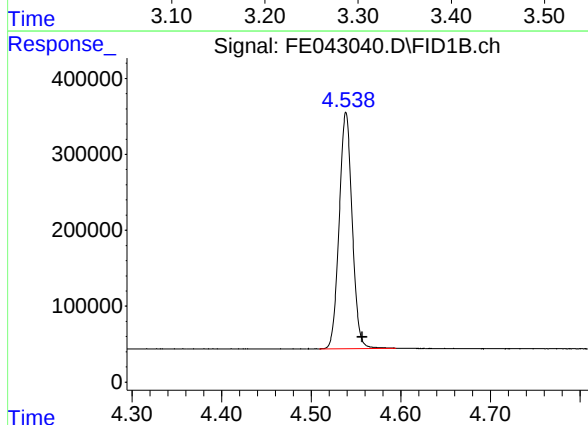




#1 n-Nonane (C9)

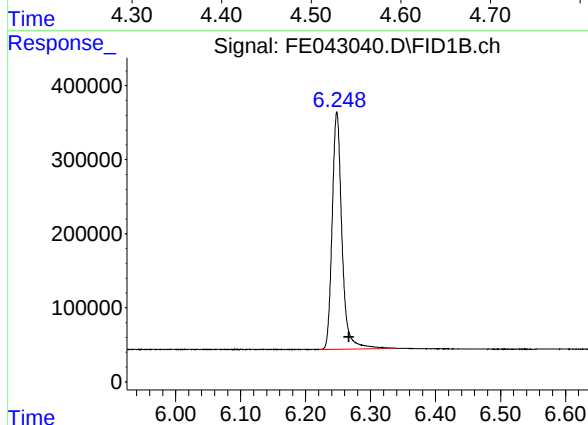
R.T.: 3.287 min
Delta R.T.: -0.018 min
Response: 3044819
Conc: 19.71 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



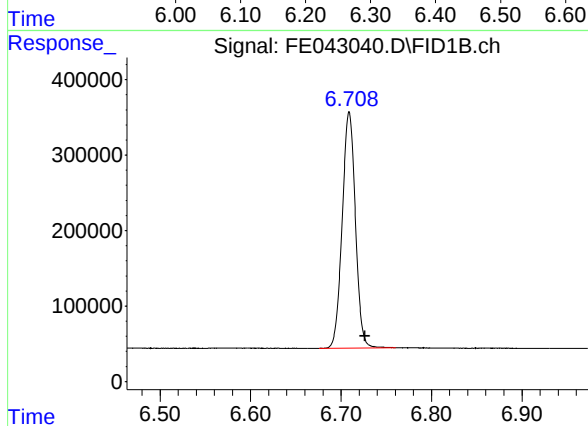
#2 n-Decane (C10)

R.T.: 4.539 min
Delta R.T.: -0.018 min
Response: 3139119
Conc: 19.87 ug/ml



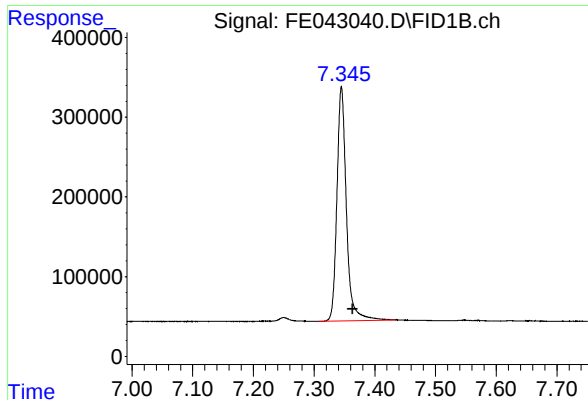
#3 A~Naphthalene (C11.7)

R.T.: 6.248 min
Delta R.T.: -0.018 min
Response: 3352488
Conc: 19.80 ug/ml



#4 n-Dodecane (C12)

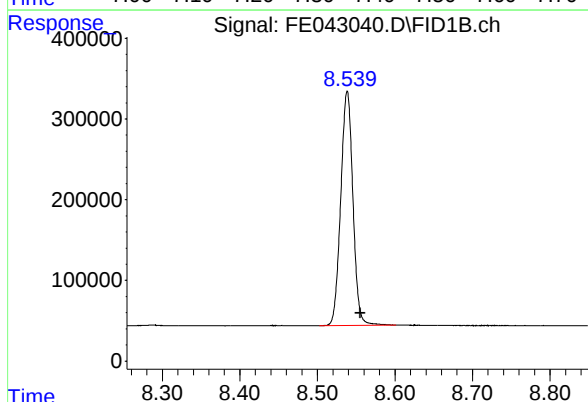
R.T.: 6.709 min
Delta R.T.: -0.017 min
Response: 3171264
Conc: 19.81 ug/ml



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

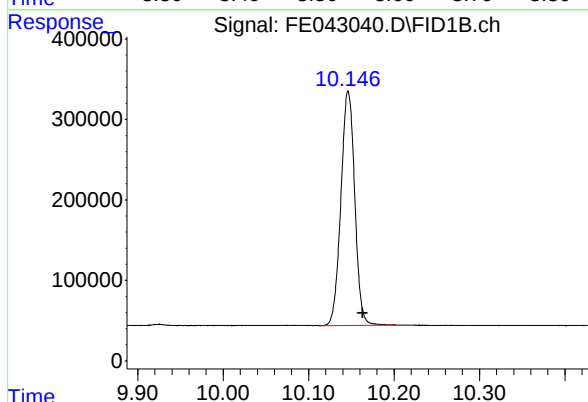
R.T.: 7.345 min
Delta R.T.: -0.018 min
Response: 3185665
Conc: 19.65 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



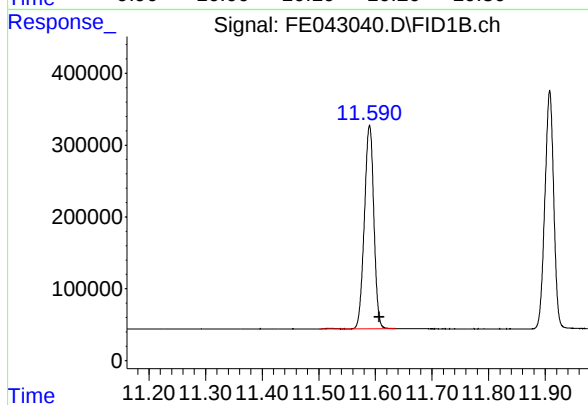
#6 n-Tetradecane (C14)

R.T.: 8.539 min
Delta R.T.: -0.017 min
Response: 3170081
Conc: 19.92 ug/ml



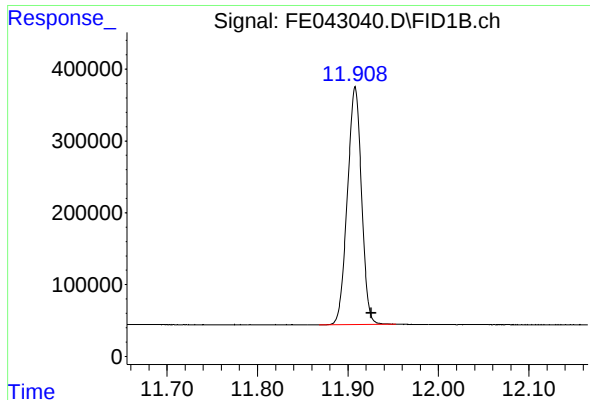
#7 n-Hexadecane (C16)

R.T.: 10.146 min
Delta R.T.: -0.017 min
Response: 3270897
Conc: 19.86 ug/ml



#8 n-Octadecane (C18)

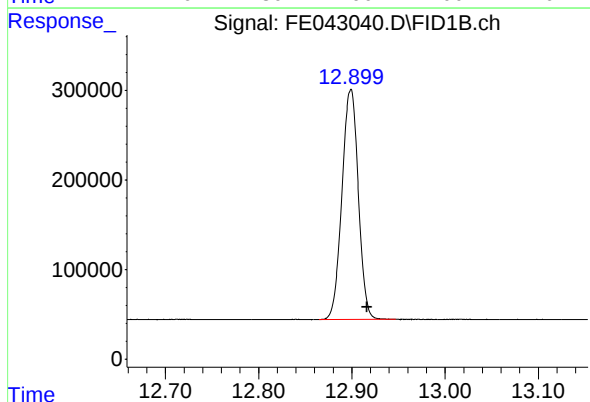
R.T.: 11.590 min
Delta R.T.: -0.017 min
Response: 3299488
Conc: 19.85 ug/ml



#9 ortho-Terphenyl (SURR)

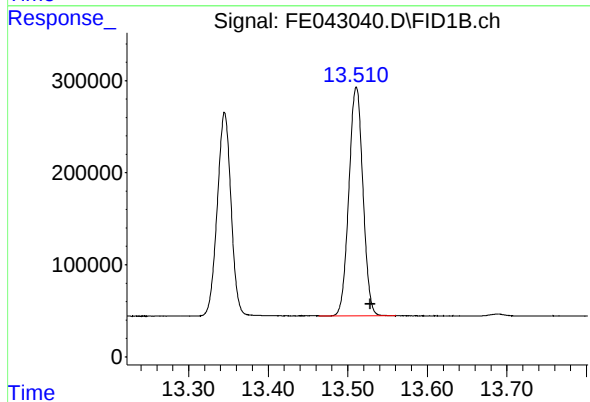
R.T.: 11.908 min
Delta R.T.: -0.018 min
Response: 3593556
Conc: 19.56 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



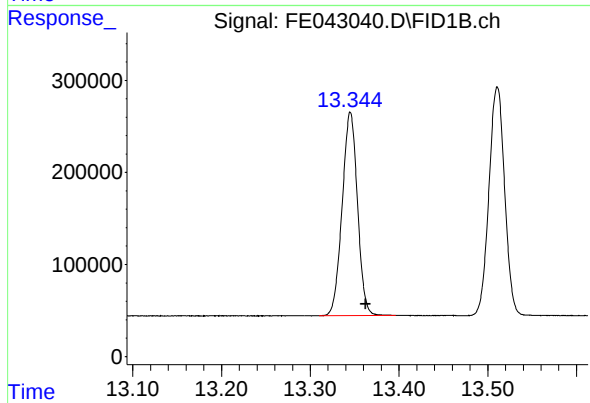
#10 n-Eicosane (C20)

R.T.: 12.899 min
Delta R.T.: -0.017 min
Response: 3134856
Conc: 19.76 ug/ml



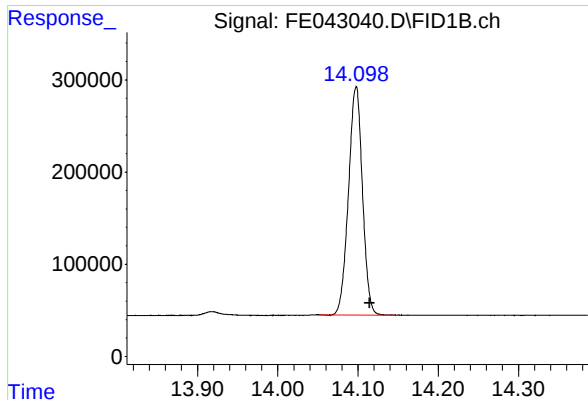
#11 n-Heneicosane (C21)

R.T.: 13.511 min
Delta R.T.: -0.018 min
Response: 3050575
Conc: 19.72 ug/ml



#12 1-chlorooctadecane (SURR)

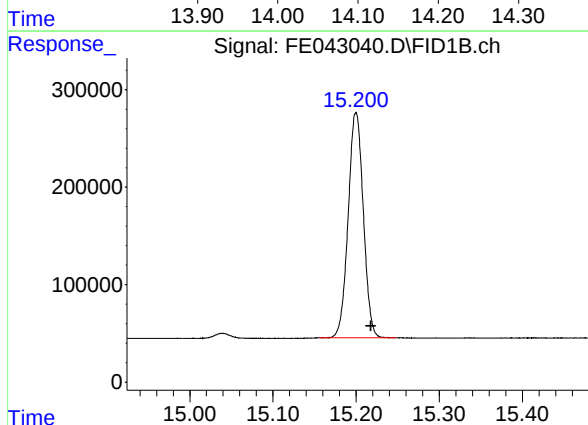
R.T.: 13.345 min
Delta R.T.: -0.017 min
Response: 2646546
Conc: 19.45 ug/ml



#13 n-Docosane (C22)

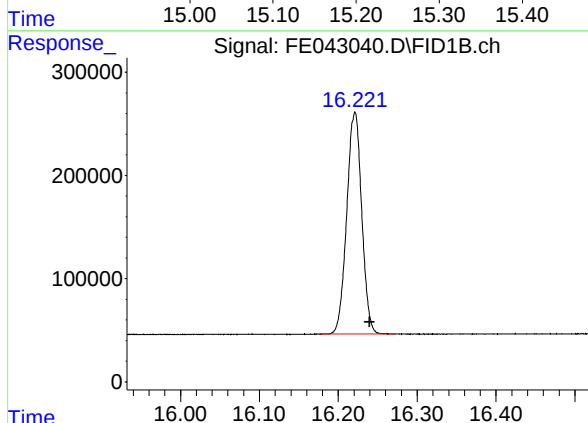
R.T.: 14.098 min
Delta R.T.: -0.017 min
Response: 2996199
Conc: 19.67 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



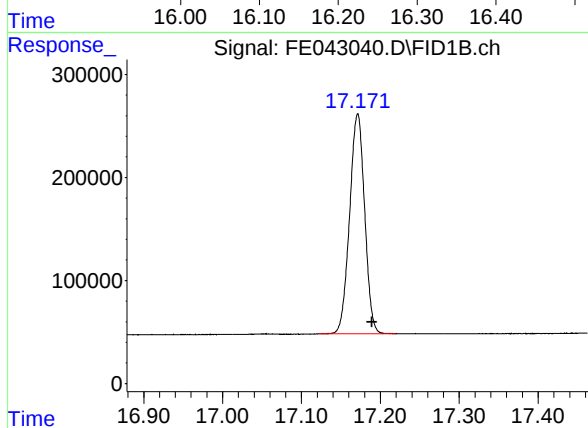
#14 n-Tetracosane (C24)

R.T.: 15.200 min
Delta R.T.: -0.018 min
Response: 2930910
Conc: 19.75 ug/ml



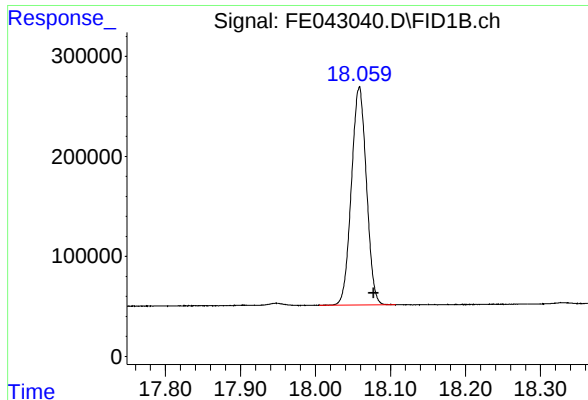
#15 n-Hexacosane (C26)

R.T.: 16.221 min
Delta R.T.: -0.018 min
Response: 2841940
Conc: 19.88 ug/ml



#16 n-Octacosane (C28)

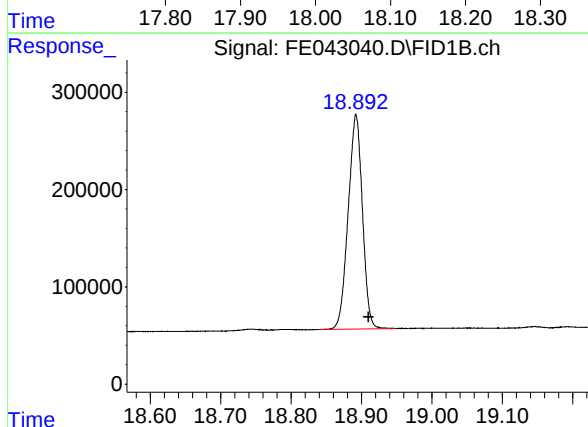
R.T.: 17.171 min
Delta R.T.: -0.018 min
Response: 2827868
Conc: 20.39 ug/ml



#17 n-Tricontane (C30)

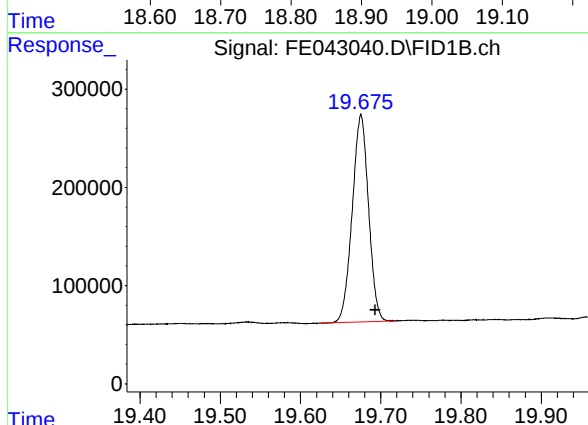
R.T.: 18.058 min
Delta R.T.: -0.019 min
Response: 3033948
Conc: 21.45 ug/ml

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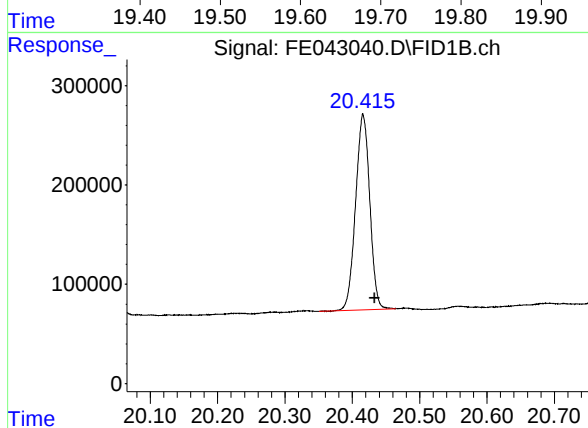
#18 n-Dotriacontane (C32)

R.T.: 18.892 min
Delta R.T.: -0.018 min
Response: 3098989
Conc: 22.09 ug/ml



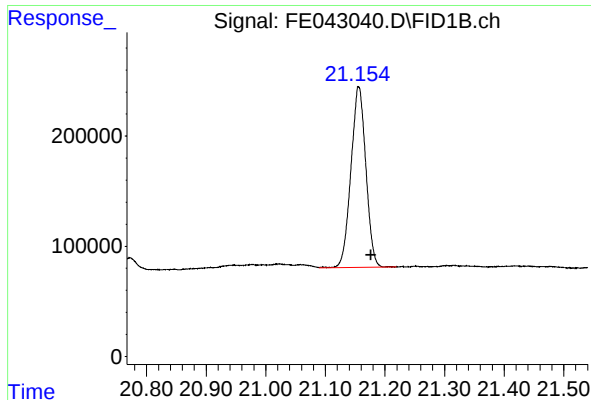
#19 n-Tetatriacontane (C34)

R.T.: 19.675 min
Delta R.T.: -0.018 min
Response: 2978039
Conc: 21.76 ug/ml



#20 n-Hexatriacontane (C36)

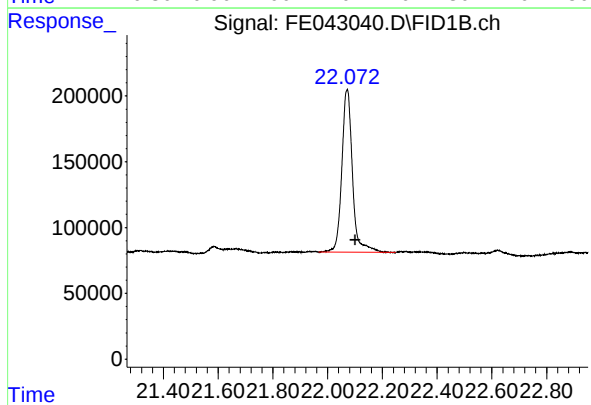
R.T.: 20.416 min
Delta R.T.: -0.017 min
Response: 2878569
Conc: 21.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.156 min
Delta R.T.: -0.021 min
Response: 2854023
Conc: 20.93 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.071 min
Delta R.T.: -0.030 min
Response: 3328052
Conc: 23.92 ug/ml