

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072123AL\
 Data File : FE043393.D
 Signal(s) : FID1B.ch
 Acq On : 21 Jul 2023 13:38
 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: Jul 21 22:16:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 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)	11.888	3650359	20.386 ug/ml
Spiked Amount 50.000		Recovery =	40.77%
12) S 1-chlorooctadecane (S...	13.326	2691236	20.482 ug/ml
Spiked Amount 50.000		Recovery =	40.96%
Target Compounds			
1) T n-Nonane (C9)	3.268	3023084	19.800 ug/ml
2) T n-Decane (C10)	4.521	3130960	20.084 ug/ml
3) T A~Naphthalene (C11.7)	6.230	3273073	20.340 ug/ml
4) T n-Dodecane (C12)	6.691	3170454	20.120 ug/ml
5) T A~2-methylnaphthalene...	7.328	3111346	20.504 ug/ml
6) T n-Tetradecane (C14)	8.519	3179348	20.101 ug/ml
7) T n-Hexadecane (C16)	10.127	3290270	20.331 ug/ml
8) T n-Octadecane (C18)	11.570	3323010	20.384 ug/ml
10) T n-Eicosane (C20)	12.879	3175365	20.438 ug/ml
11) T n-Heneicosane (C21)	13.491	3092134	20.410 ug/ml
13) T n-Docosane (C22)	14.077	3048189	20.396 ug/ml
14) T n-Tetracosane (C24)	15.181	2979669	20.289 ug/ml
15) T n-Hexacosane (C26)	16.201	2899958	20.361 ug/ml
16) T n-Octacosane (C28)	17.152	2846990	20.234 ug/ml
17) T n-Tricontane (C30)	18.038	2994894	20.330 ug/ml
18) T n-Dotriacontane (C32)	18.871	3016908	20.360 ug/ml
19) T n-Tetratriacontane (C34)	19.655	2924572	20.264 ug/ml
20) T n-Hexatriacontane (C36)	20.395	2808665	19.109 ug/ml
21) T n-Octatriacontane (C38)	21.132	2777817	19.473 ug/ml
22) T n-Tetracontane (C40)	22.038	2776576	18.814 ug/ml

(f)=RT Delta > 1/2 Window

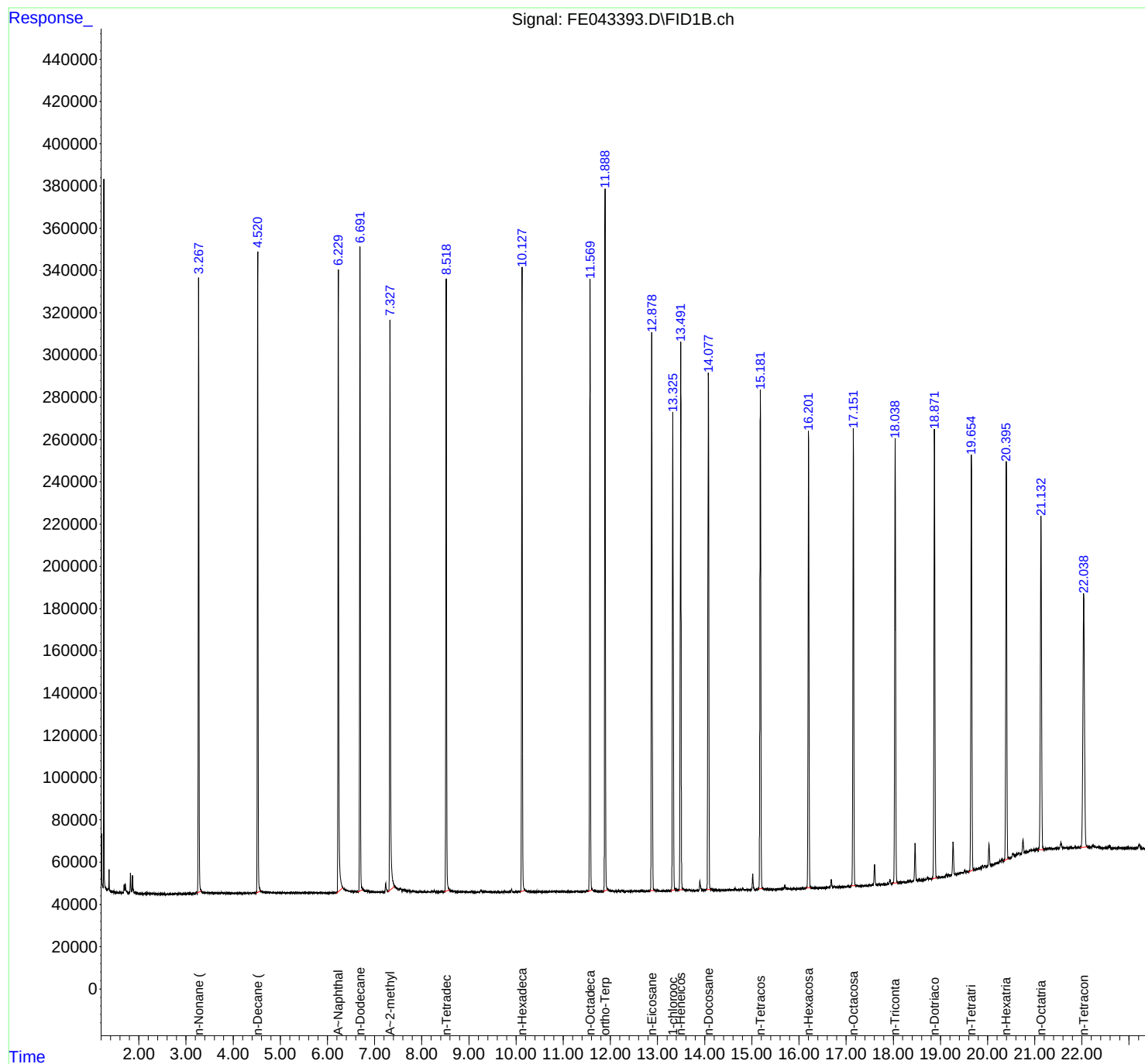
(m)=manual int.

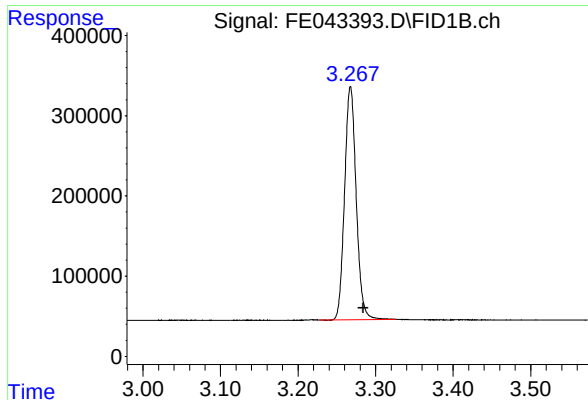
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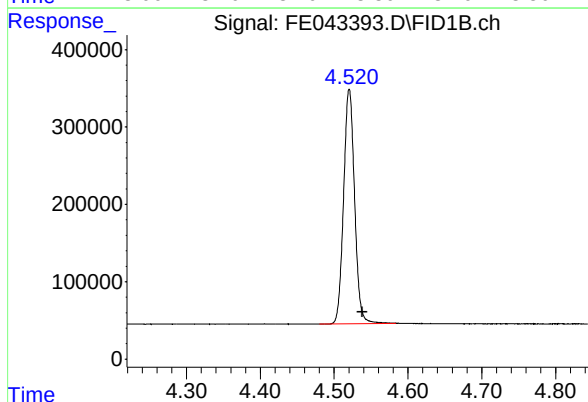




#1 n-Nonane (C9)

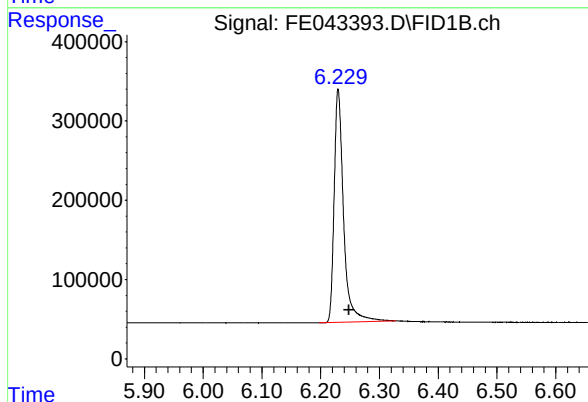
R.T.: 3.268 min
Delta R.T.: -0.016 min
Response: 3023084
Conc: 19.80 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



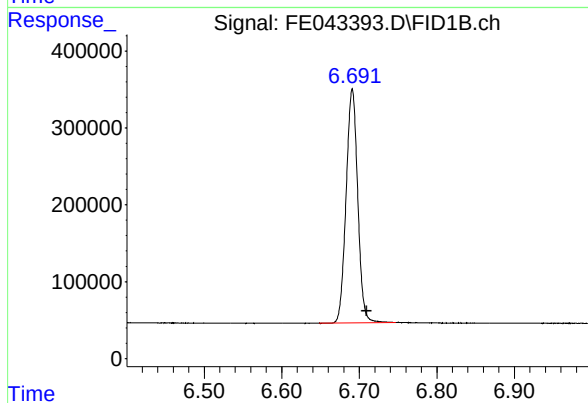
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: -0.017 min
Response: 3130960
Conc: 20.08 ug/ml



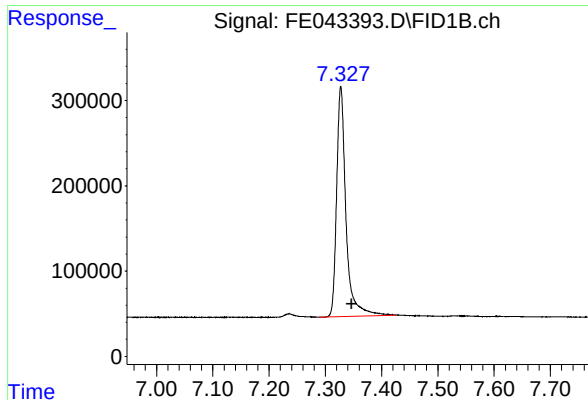
#3 A~Naphthalene (C11.7)

R.T.: 6.230 min
Delta R.T.: -0.018 min
Response: 3273073
Conc: 20.34 ug/ml



#4 n-Dodecane (C12)

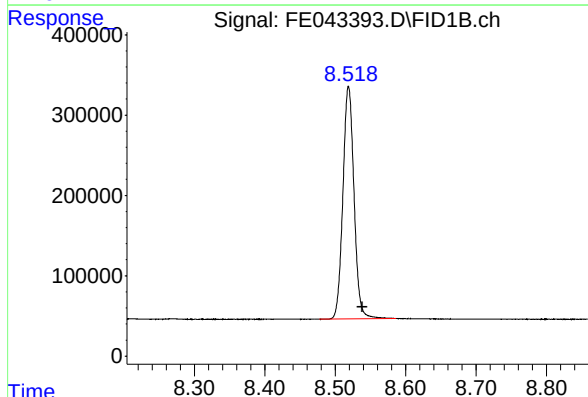
R.T.: 6.691 min
Delta R.T.: -0.018 min
Response: 3170454
Conc: 20.12 ug/ml



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

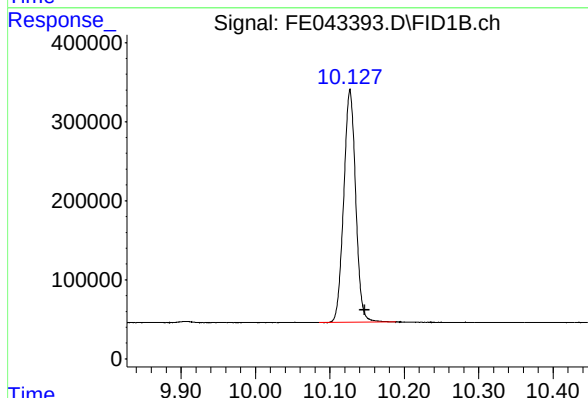
R.T.: 7.328 min
Delta R.T.: -0.019 min
Response: 3111346
Conc: 20.50 ug/ml

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20 PPM ALIPHATIC HC STD



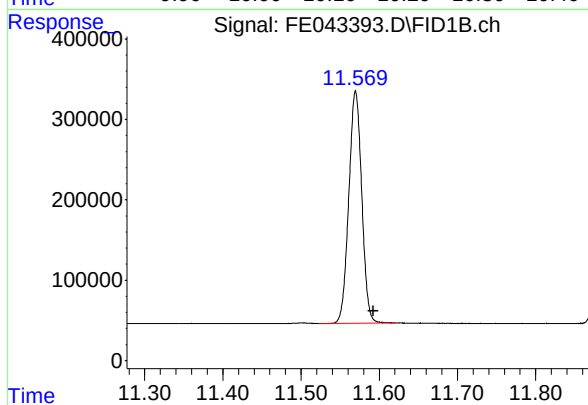
#6 n-Tetradecane (C14)

R.T.: 8.519 min
Delta R.T.: -0.019 min
Response: 3179348
Conc: 20.10 ug/ml



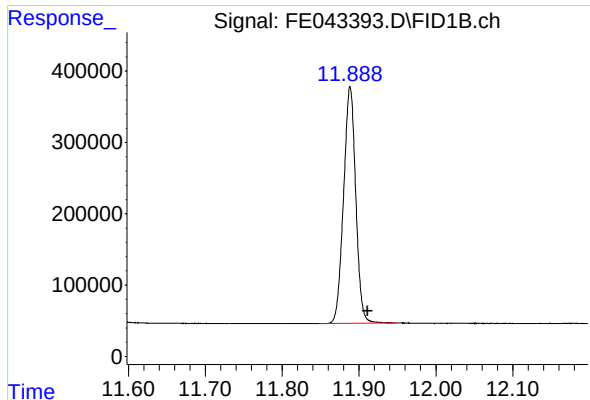
#7 n-Hexadecane (C16)

R.T.: 10.127 min
Delta R.T.: -0.020 min
Response: 3290270
Conc: 20.33 ug/ml



#8 n-Octadecane (C18)

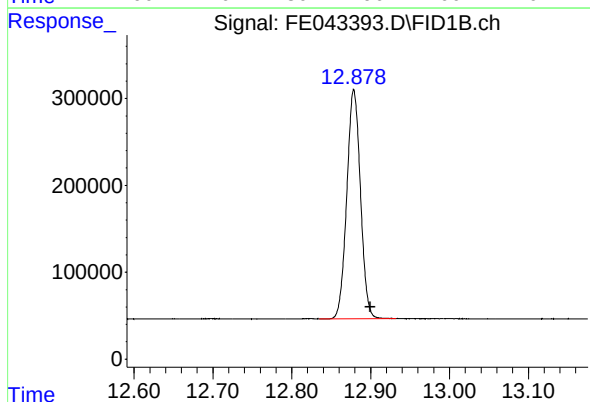
R.T.: 11.570 min
Delta R.T.: -0.022 min
Response: 3323010
Conc: 20.38 ug/ml



#9 ortho-Terphenyl (SURR)

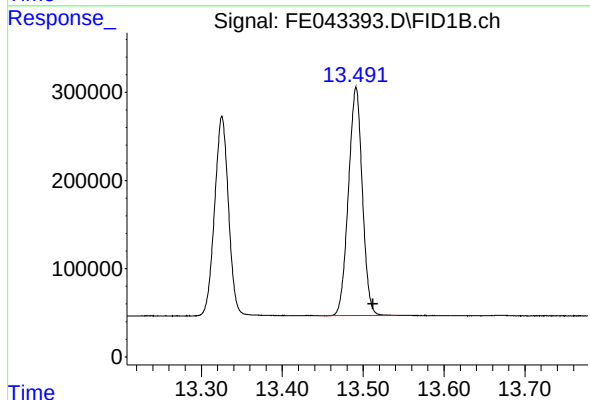
R.T.: 11.888 min
Delta R.T.: -0.023 min
Response: 3650359
Conc: 20.39 ug/ml

Instrument :
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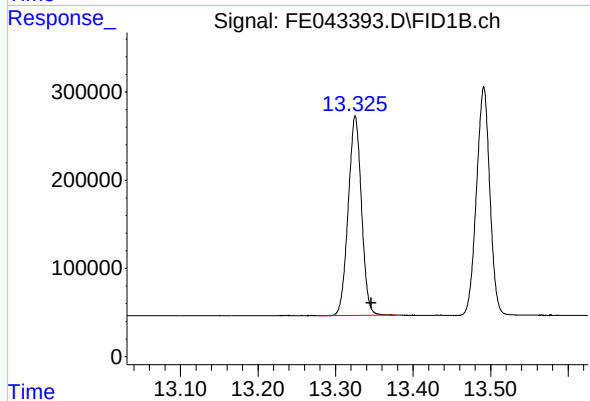
#10 n-Eicosane (C20)

R.T.: 12.879 min
Delta R.T.: -0.021 min
Response: 3175365
Conc: 20.44 ug/ml



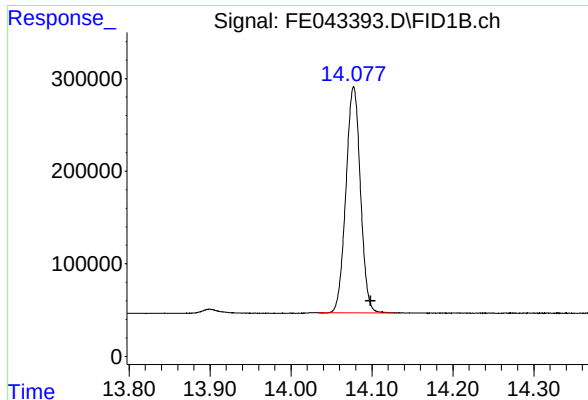
#11 n-Heneicosane (C21)

R.T.: 13.491 min
Delta R.T.: -0.021 min
Response: 3092134
Conc: 20.41 ug/ml



#12 1-chlorooctadecane (SURR)

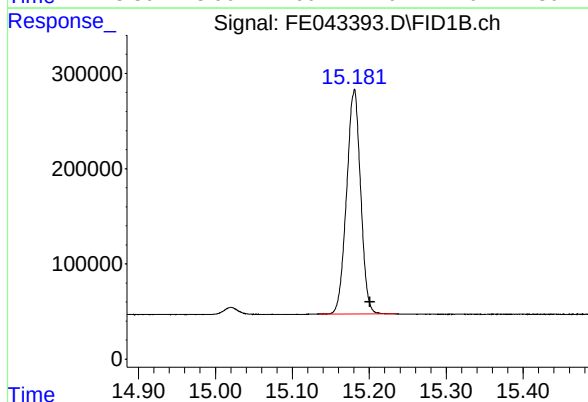
R.T.: 13.326 min
Delta R.T.: -0.020 min
Response: 2691236
Conc: 20.48 ug/ml



#13 n-Docosane (C22)

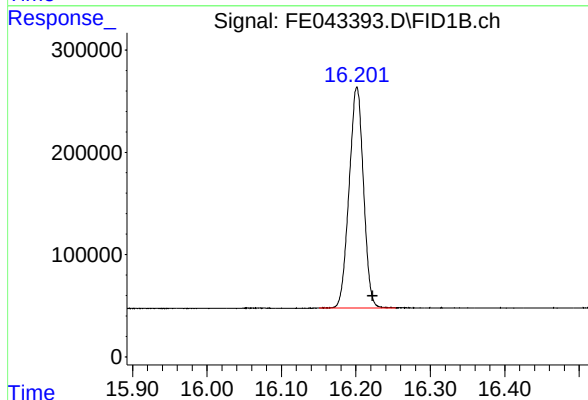
R.T.: 14.077 min
Delta R.T.: -0.021 min
Response: 3048189
Conc: 20.40 ug/ml

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20 PPM ALIPHATIC HC STD



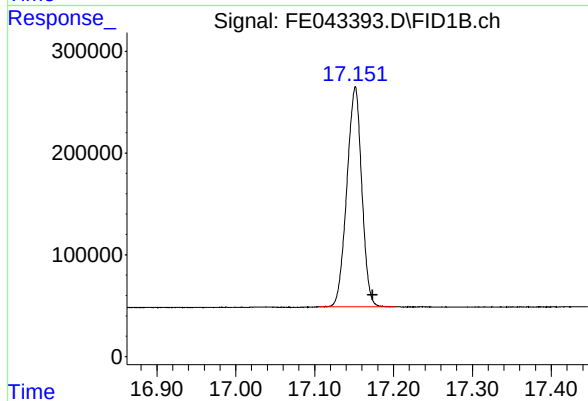
#14 n-Tetracosane (C24)

R.T.: 15.181 min
Delta R.T.: -0.020 min
Response: 2979669
Conc: 20.29 ug/ml



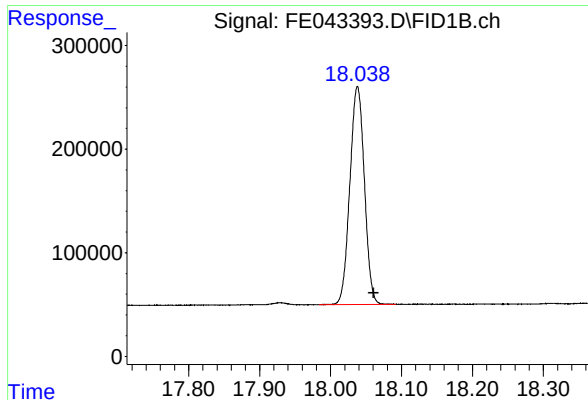
#15 n-Hexacosane (C26)

R.T.: 16.201 min
Delta R.T.: -0.021 min
Response: 2899958
Conc: 20.36 ug/ml



#16 n-Octacosane (C28)

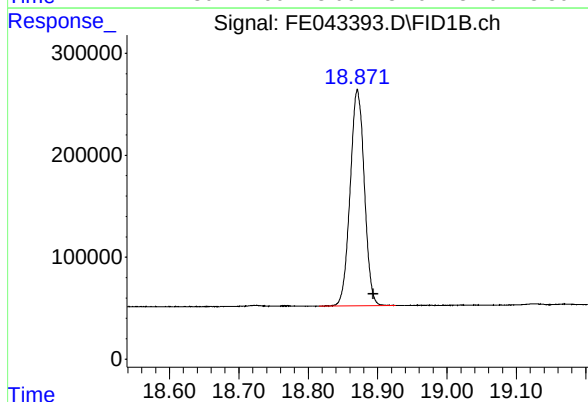
R.T.: 17.152 min
Delta R.T.: -0.022 min
Response: 2846990
Conc: 20.23 ug/ml



#17 n-Tricontane (C30)

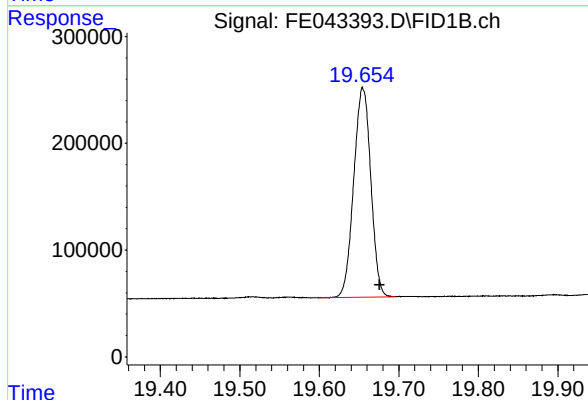
R.T.: 18.038 min
Delta R.T.: -0.023 min
Response: 2994894
Conc: 20.33 ug/ml

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20 PPM ALIPHATIC HC STD



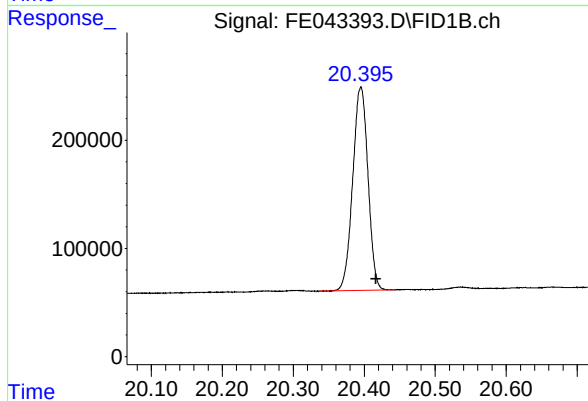
#18 n-Dotriacontane (C32)

R.T.: 18.871 min
Delta R.T.: -0.023 min
Response: 3016908
Conc: 20.36 ug/ml



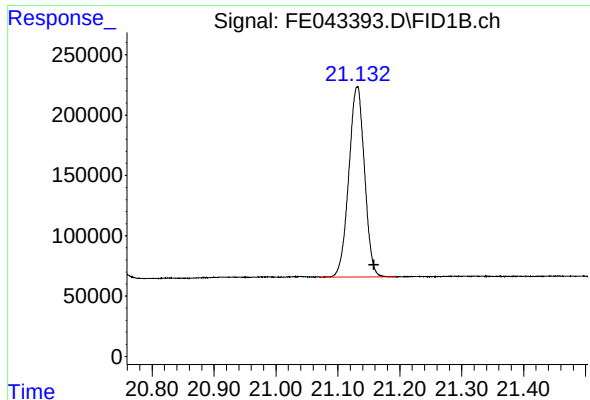
#19 n-Tetatriacontane (C34)

R.T.: 19.655 min
Delta R.T.: -0.021 min
Response: 2924572
Conc: 20.26 ug/ml



#20 n-Hexatriacontane (C36)

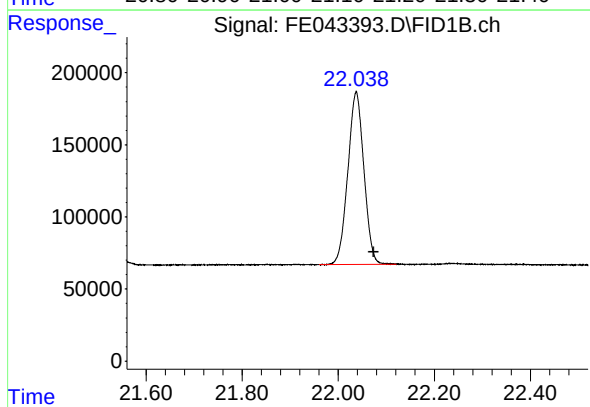
R.T.: 20.395 min
Delta R.T.: -0.021 min
Response: 2808665
Conc: 19.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.132 min
Delta R.T.: -0.027 min
Response: 2777817
Conc: 19.47 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.038 min
Delta R.T.: -0.036 min
Response: 2776576
Conc: 18.81 ug/ml