

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072223AL\
 Data File : FE043438.D
 Signal(s) : FID1B.ch
 Acq On : 22 Jul 2023 14:45
 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 24 02:34:27 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)	11.887	3797313	21.206 ug/ml
Spiked Amount 50.000		Recovery =	42.41%
12) S 1-chlorooctadecane (S...	13.325	2845894	21.659 ug/ml
Spiked Amount 50.000		Recovery =	43.32%
Target Compounds			
1) T n-Nonane (C9)	3.267	3189327	20.889 ug/ml
2) T n-Decane (C10)	4.519	3294333	21.132 ug/ml
3) T A~Naphthalene (C11.7)	6.230	3427240	21.299 ug/ml
4) T n-Dodecane (C12)	6.690	3330991	21.139 ug/ml
5) T A~2-methylnaphthalene...	7.327	3244244	21.380 ug/ml
6) T n-Tetradecane (C14)	8.518	3323833	21.014 ug/ml
7) T n-Hexadecane (C16)	10.126	3432176	21.208 ug/ml
8) T n-Octadecane (C18)	11.569	3470242	21.288 ug/ml
10) T n-Eicosane (C20)	12.878	3311519	21.314 ug/ml
11) T n-Heneicosane (C21)	13.489	3227318	21.302 ug/ml
13) T n-Docosane (C22)	14.076	3177582	21.262 ug/ml
14) T n-Tetracosane (C24)	15.179	3142868	21.400 ug/ml
15) T n-Hexacosane (C26)	16.200	3045050	21.379 ug/ml
16) T n-Octacosane (C28)	17.150	2995170	21.287 ug/ml
17) T n-Tricontane (C30)	18.037	3145537	21.353 ug/ml
18) T n-Dotriacontane (C32)	18.870	3183160	21.482 ug/ml
19) T n-Tetratriacontane (C34)	19.653	3088346	21.399 ug/ml
20) T n-Hexatriacontane (C36)	20.394	2948471	20.061 ug/ml
21) T n-Octatriacontane (C38)	21.129	2908378	20.388 ug/ml
22) T n-Tetracontane (C40)	22.035	2931431	19.863 ug/ml

(f)=RT Delta > 1/2 Window

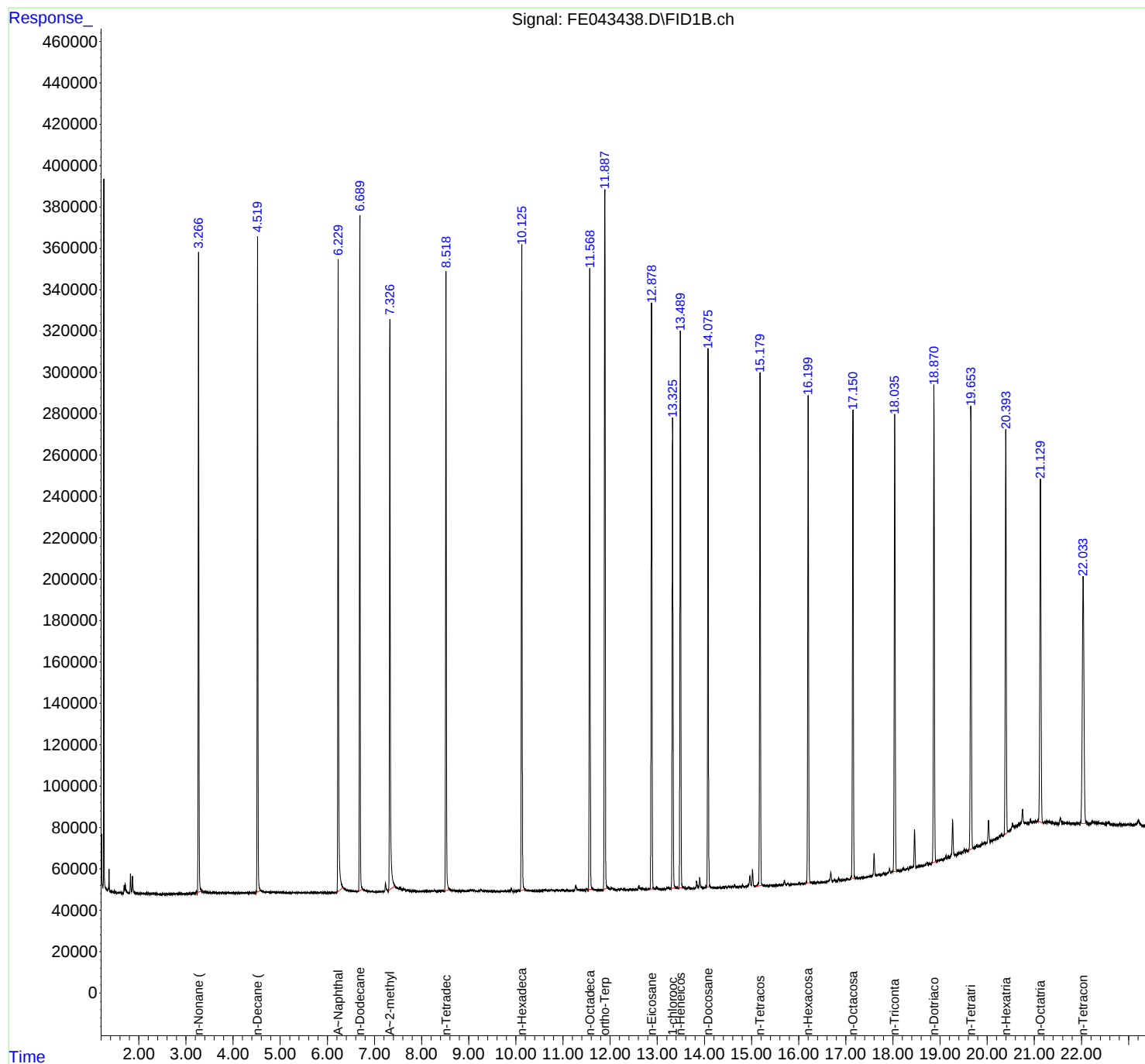
(m)=manual int.

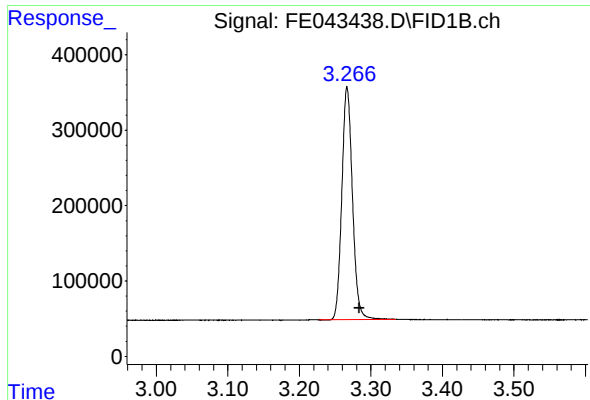
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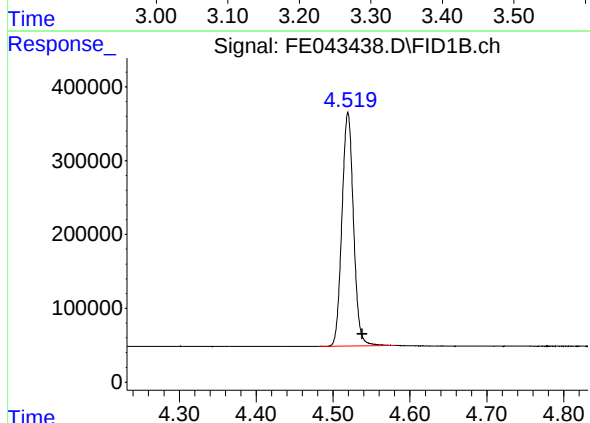




#1 n-Nonane (C9)

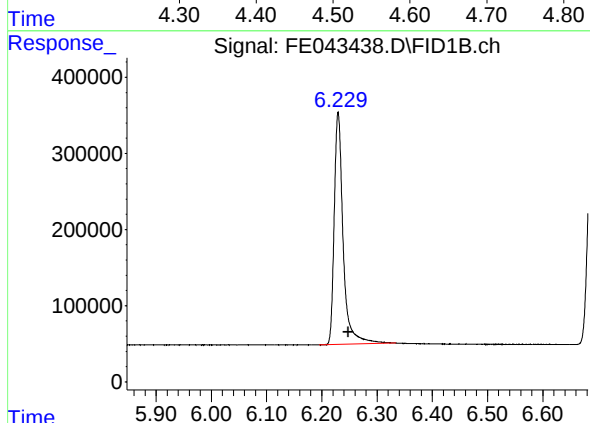
R.T.: 3.267 min
Delta R.T.: -0.017 min
Response: 3189327
Conc: 20.89 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



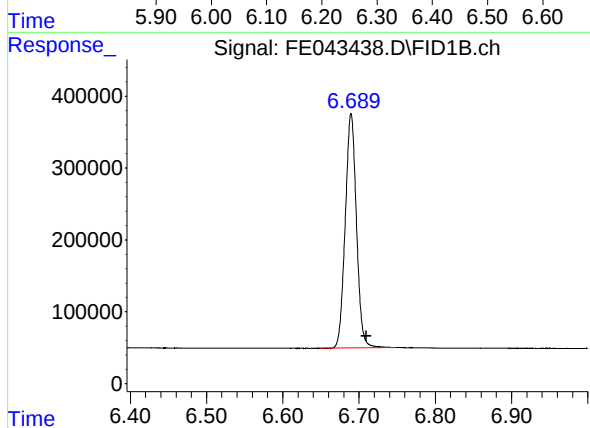
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: -0.019 min
Response: 3294333
Conc: 21.13 ug/ml



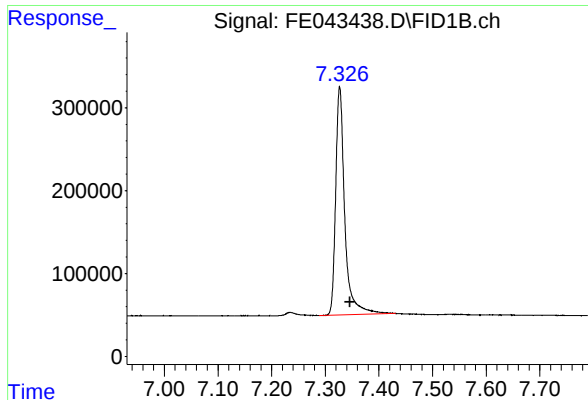
#3 A~Naphthalene (C11.7)

R.T.: 6.230 min
Delta R.T.: -0.018 min
Response: 3427240
Conc: 21.30 ug/ml



#4 n-Dodecane (C12)

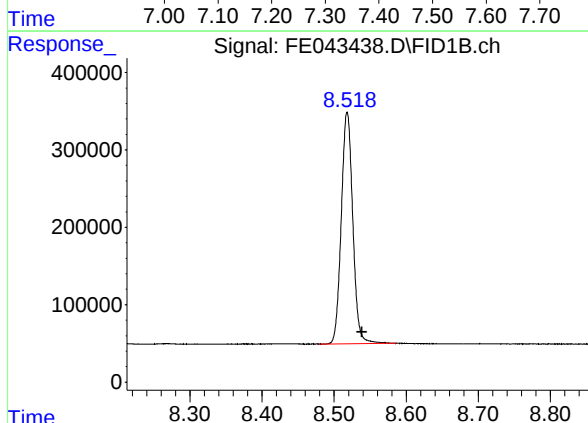
R.T.: 6.690 min
Delta R.T.: -0.020 min
Response: 3330991
Conc: 21.14 ug/ml



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

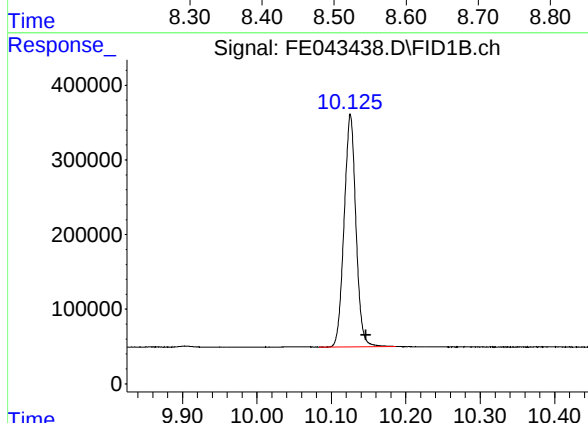
R.T.: 7.327 min
Delta R.T.: -0.020 min
Response: 3244244
Conc: 21.38 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



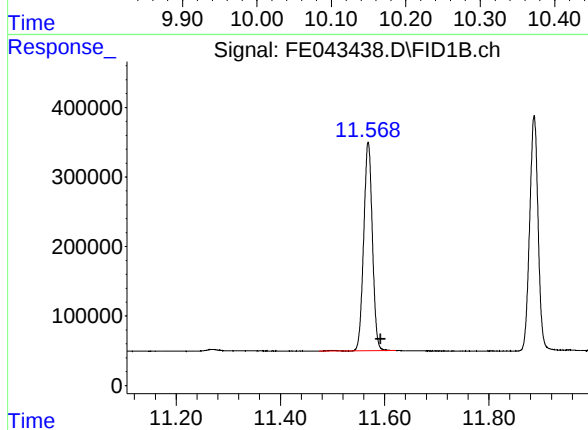
#6 n-Tetradecane (C14)

R.T.: 8.518 min
Delta R.T.: -0.020 min
Response: 3323833
Conc: 21.01 ug/ml



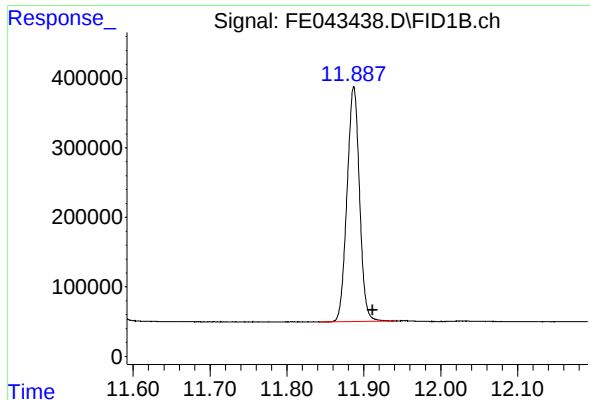
#7 n-Hexadecane (C16)

R.T.: 10.126 min
Delta R.T.: -0.021 min
Response: 3432176
Conc: 21.21 ug/ml



#8 n-Octadecane (C18)

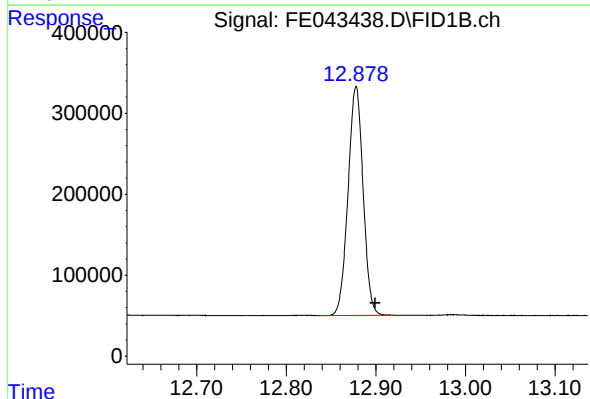
R.T.: 11.569 min
Delta R.T.: -0.024 min
Response: 3470242
Conc: 21.29 ug/ml



#9 ortho-Terphenyl (SURR)

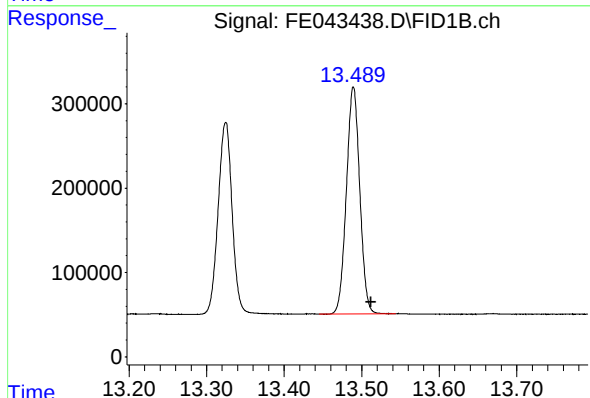
R.T.: 11.887 min
Delta R.T.: -0.025 min
Response: 3797313
Conc: 21.21 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



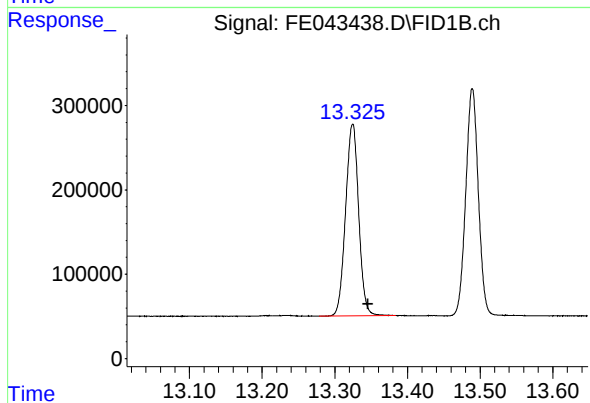
#10 n-Eicosane (C20)

R.T.: 12.878 min
Delta R.T.: -0.022 min
Response: 3311519
Conc: 21.31 ug/ml



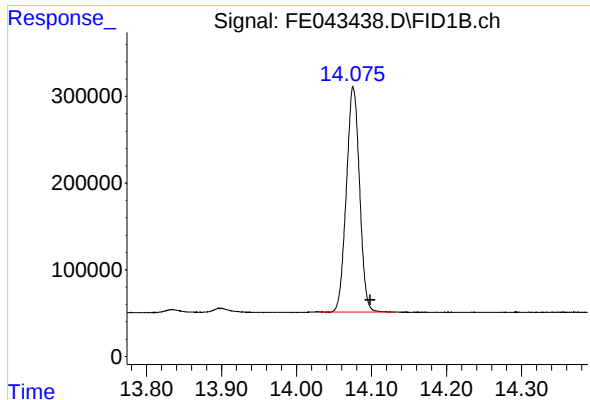
#11 n-Heneicosane (C21)

R.T.: 13.489 min
Delta R.T.: -0.023 min
Response: 3227318
Conc: 21.30 ug/ml



#12 1-chlorooctadecane (SURR)

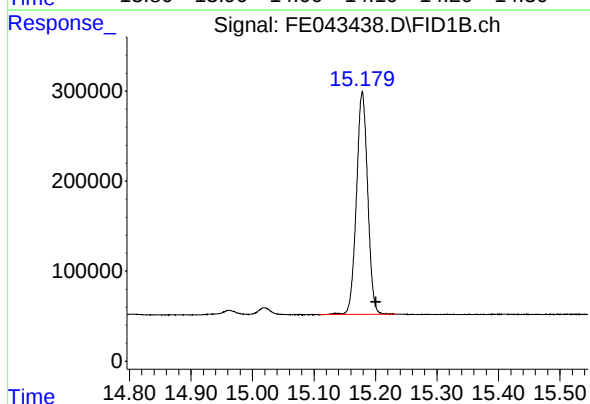
R.T.: 13.325 min
Delta R.T.: -0.021 min
Response: 2845894
Conc: 21.66 ug/ml



#13 n-Docosane (C22)

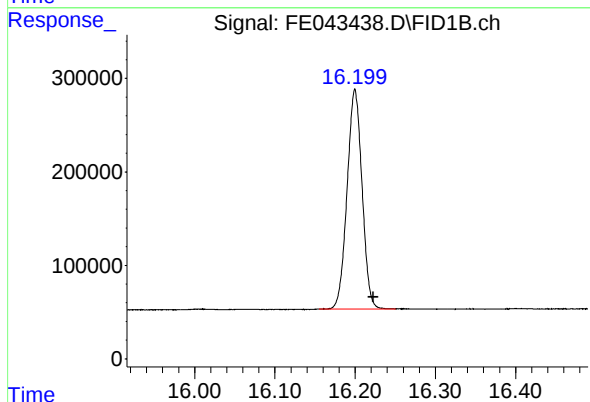
R.T.: 14.076 min
Delta R.T.: -0.023 min
Response: 3177582
Conc: 21.26 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



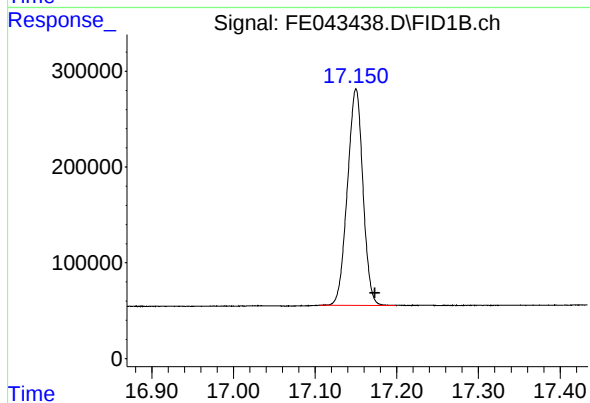
#14 n-Tetracosane (C24)

R.T.: 15.179 min
Delta R.T.: -0.022 min
Response: 3142868
Conc: 21.40 ug/ml



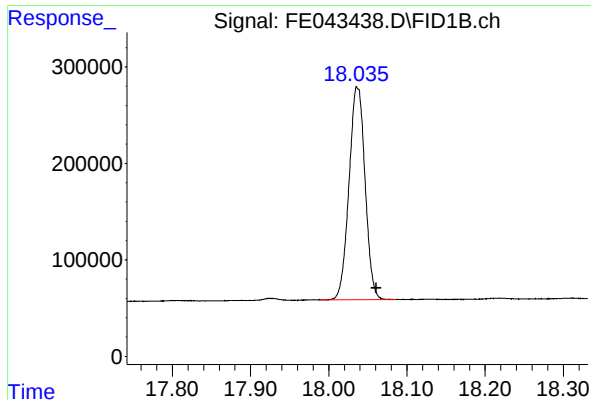
#15 n-Hexacosane (C26)

R.T.: 16.200 min
Delta R.T.: -0.023 min
Response: 3045050
Conc: 21.38 ug/ml



#16 n-Octacosane (C28)

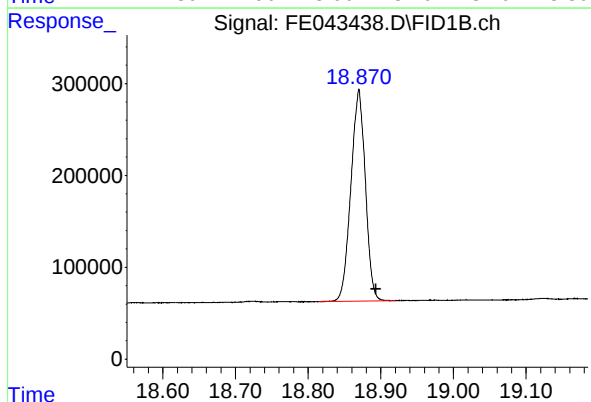
R.T.: 17.150 min
Delta R.T.: -0.023 min
Response: 2995170
Conc: 21.29 ug/ml



#17 n-Tricontane (C30)

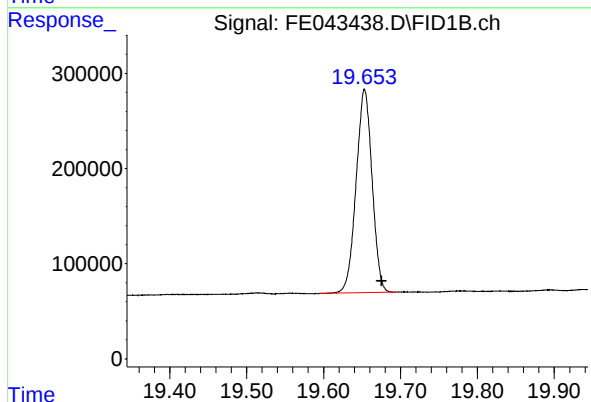
R.T.: 18.037 min
Delta R.T.: -0.024 min
Response: 3145537
Conc: 21.35 ug/ml

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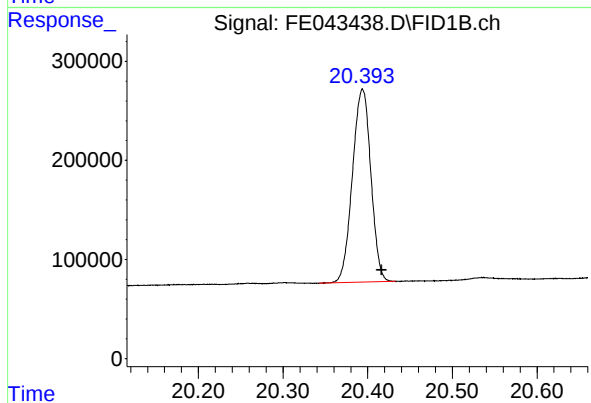
#18 n-Dotriacontane (C32)

R.T.: 18.870 min
Delta R.T.: -0.024 min
Response: 3183160
Conc: 21.48 ug/ml



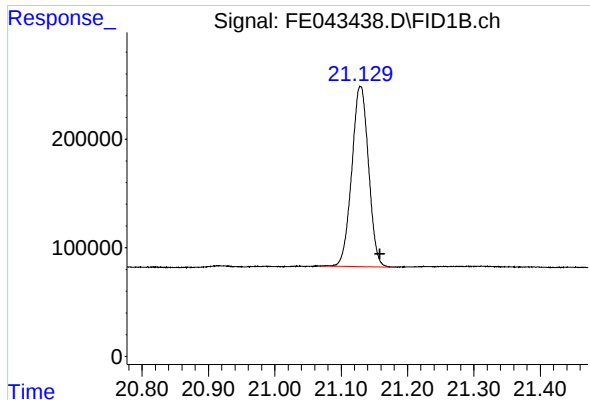
#19 n-Tetatriacontane (C34)

R.T.: 19.653 min
Delta R.T.: -0.022 min
Response: 3088346
Conc: 21.40 ug/ml



#20 n-Hexatriacontane (C36)

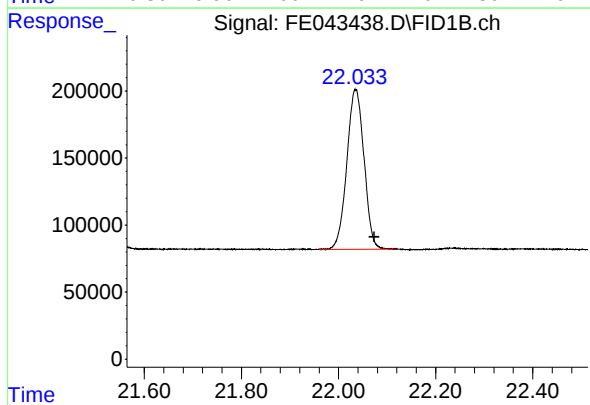
R.T.: 20.394 min
Delta R.T.: -0.023 min
Response: 2948471
Conc: 20.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.129 min
Delta R.T.: -0.029 min
Response: 2908378
Conc: 20.39 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.035 min
Delta R.T.: -0.039 min
Response: 2931431
Conc: 19.86 ug/ml