

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072523AL\
 Data File : FE043514.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jul 2023 22:39
 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 26 02:12:34 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)	11.883	3582204	20.005 ug/ml
Spiked Amount 50.000		Recovery =	40.01%
12) S 1-chlorooctadecane (S...	13.319	2649313	20.163 ug/ml
Spiked Amount 50.000		Recovery =	40.33%
Target Compounds			
1) T n-Nonane (C9)	3.263	2970504	19.456 ug/ml
2) T n-Decane (C10)	4.516	3069600	19.690 ug/ml
3) T A~Naphthalene (C11.7)	6.226	3173691	19.723 ug/ml
4) T n-Dodecane (C12)	6.686	3089498	19.607 ug/ml
5) T A~2-methylnaphthalene...	7.324	2997964	19.757 ug/ml
6) T n-Tetradecane (C14)	8.515	3088328	19.525 ug/ml
7) T n-Hexadecane (C16)	10.122	3203236	19.793 ug/ml
8) T n-Octadecane (C18)	11.565	3245909	19.911 ug/ml
10) T n-Eicosane (C20)	12.873	3114182	20.044 ug/ml
11) T n-Heneicosane (C21)	13.485	2988904	19.728 ug/ml
13) T n-Docosane (C22)	14.071	3005174	20.108 ug/ml
14) T n-Tetracosane (C24)	15.173	2952332	20.103 ug/ml
15) T n-Hexacosane (C26)	16.194	2876963	20.199 ug/ml
16) T n-Octacosane (C28)	17.144	2862280	20.343 ug/ml
17) T n-Tricontane (C30)	18.031	3028341	20.557 ug/ml
18) T n-Dotriacontane (C32)	18.863	3065424	20.687 ug/ml
19) T n-Tetratriacontane (C34)	19.647	2942276	20.387 ug/ml
20) T n-Hexatriacontane (C36)	20.388	2796782	19.029 ug/ml
21) T n-Octatriacontane (C38)	21.122	2735014	19.173 ug/ml
22) T n-Tetracontane (C40)	22.025	2755403	18.670 ug/ml

(f)=RT Delta > 1/2 Window

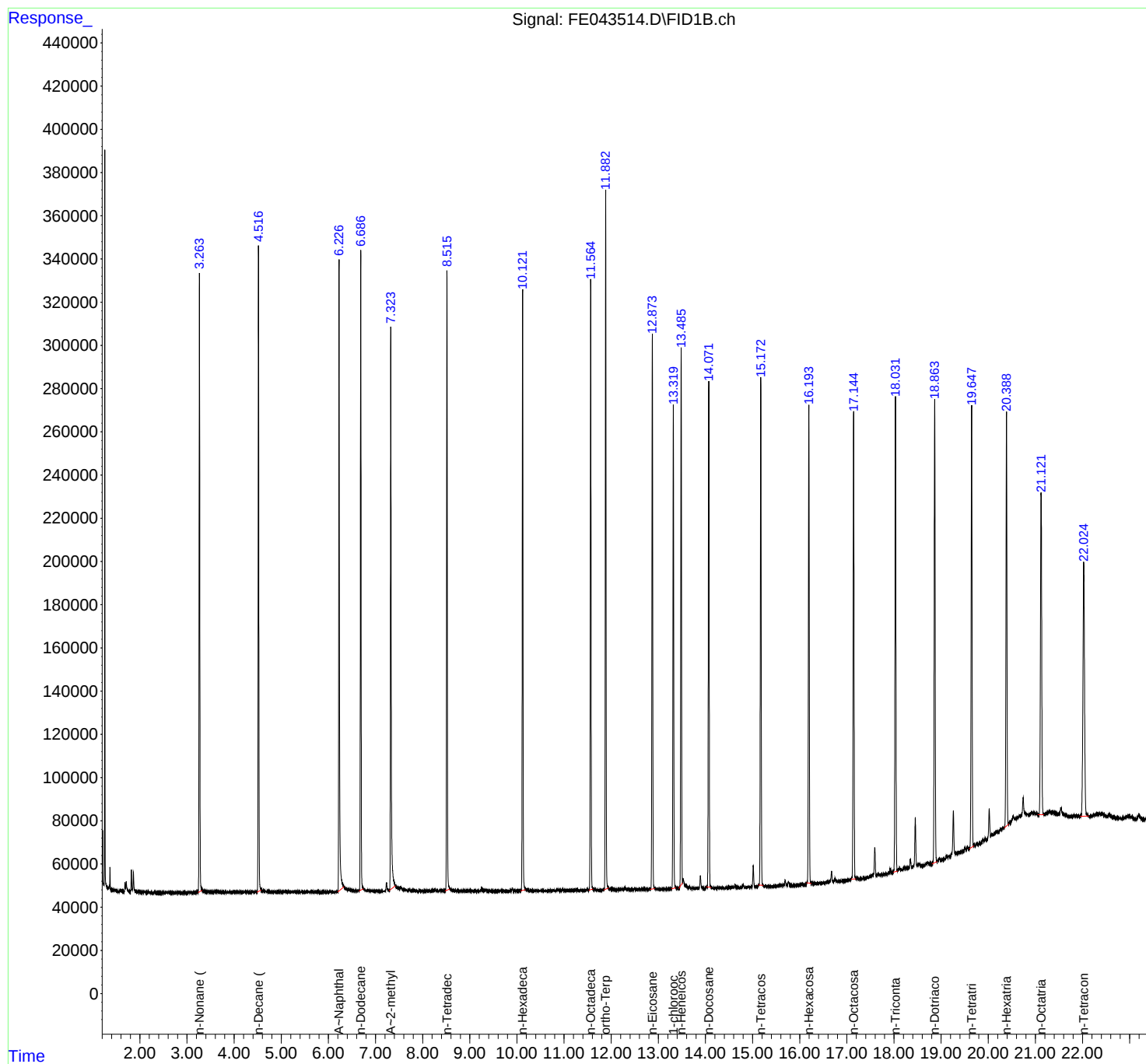
(m)=manual int.

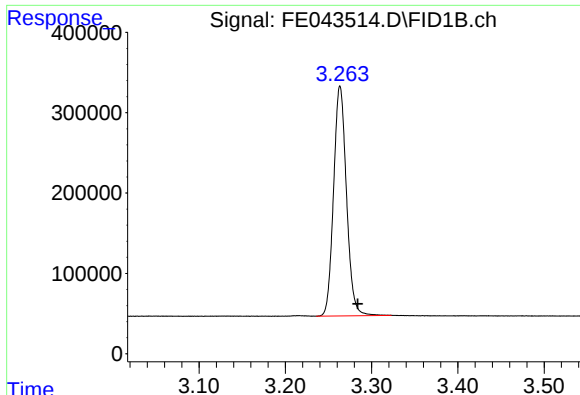
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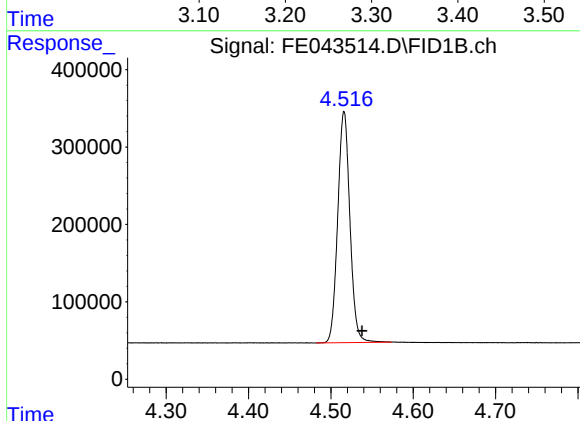




#1 n-Nonane (C9)

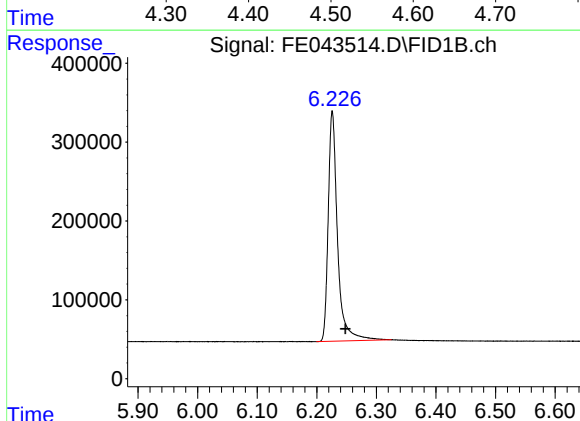
R.T.: 3.263 min
Delta R.T.: -0.021 min
Response: 2970504
Conc: 19.46 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



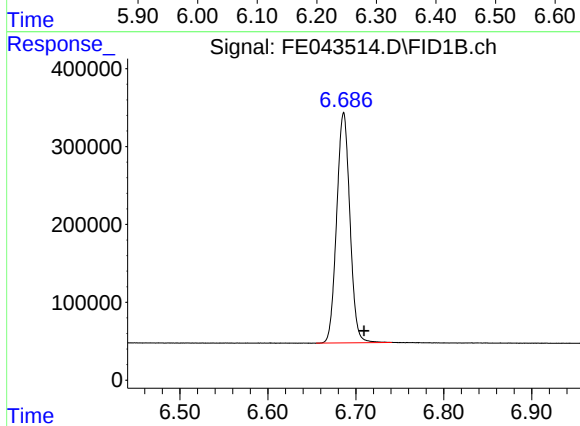
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: -0.022 min
Response: 3069600
Conc: 19.69 ug/ml



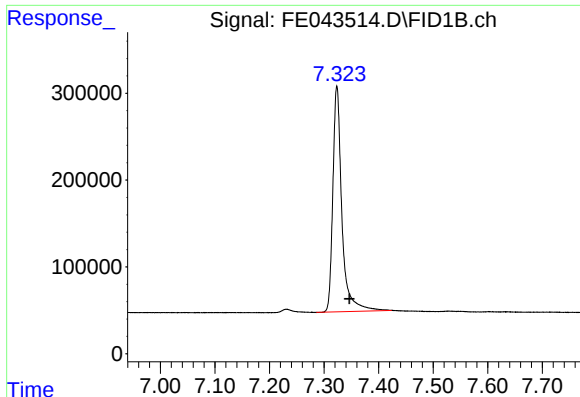
#3 A~Naphthalene (C11.7)

R.T.: 6.226 min
Delta R.T.: -0.022 min
Response: 3173691
Conc: 19.72 ug/ml



#4 n-Dodecane (C12)

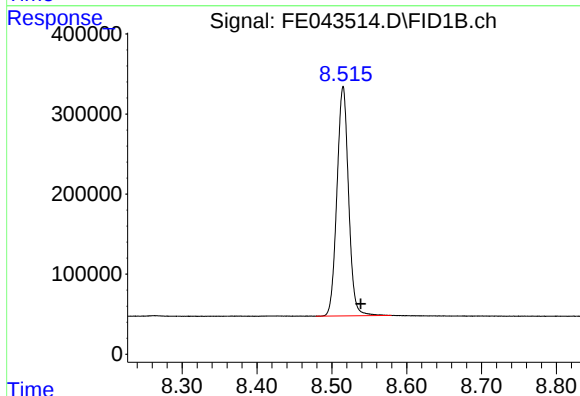
R.T.: 6.686 min
Delta R.T.: -0.023 min
Response: 3089498
Conc: 19.61 ug/ml



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

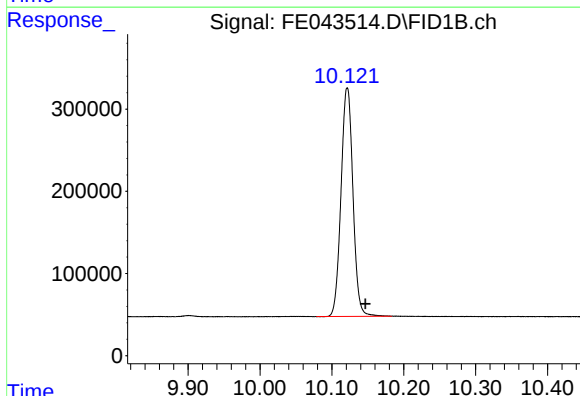
R.T.: 7.324 min
Delta R.T.: -0.023 min
Response: 2997964
Conc: 19.76 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



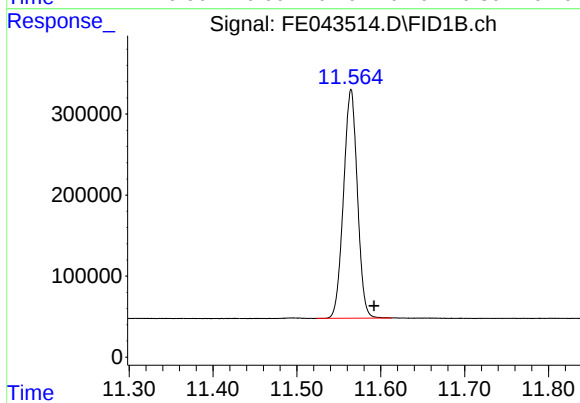
#6 n-Tetradecane (C14)

R.T.: 8.515 min
Delta R.T.: -0.023 min
Response: 3088328
Conc: 19.53 ug/ml



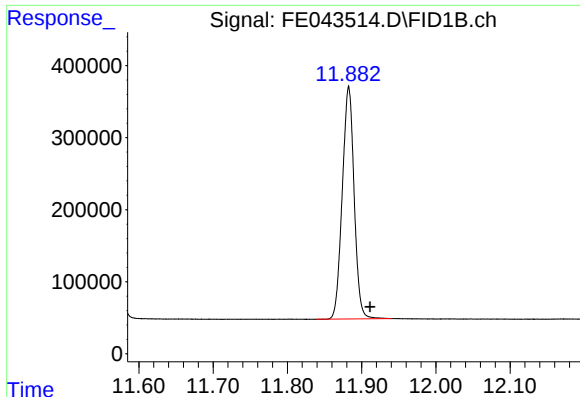
#7 n-Hexadecane (C16)

R.T.: 10.122 min
Delta R.T.: -0.025 min
Response: 3203236
Conc: 19.79 ug/ml



#8 n-Octadecane (C18)

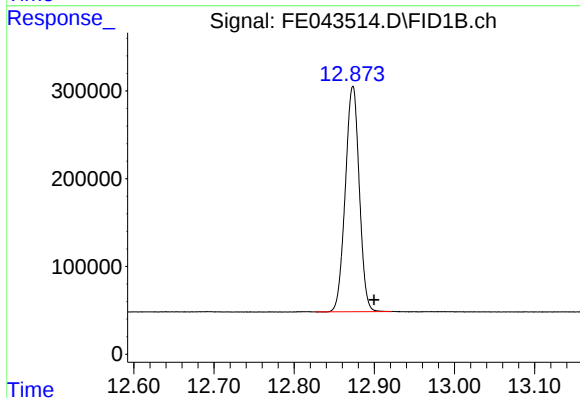
R.T.: 11.565 min
Delta R.T.: -0.028 min
Response: 3245909
Conc: 19.91 ug/ml



#9 ortho-Terphenyl (SURR)

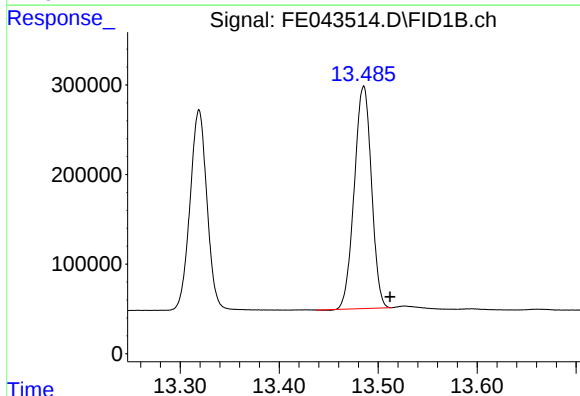
R.T.: 11.883 min
Delta R.T.: -0.029 min
Response: 3582204
Conc: 20.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



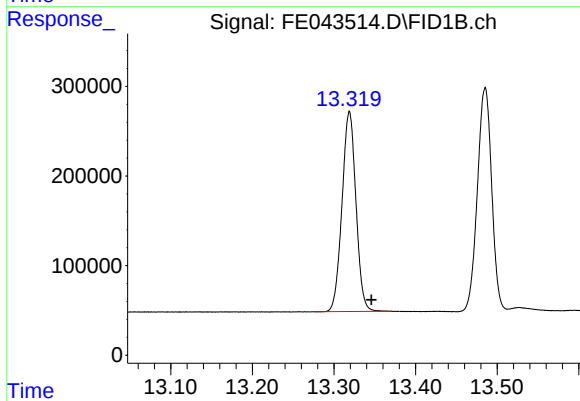
#10 n-Eicosane (C20)

R.T.: 12.873 min
Delta R.T.: -0.026 min
Response: 3114182
Conc: 20.04 ug/ml



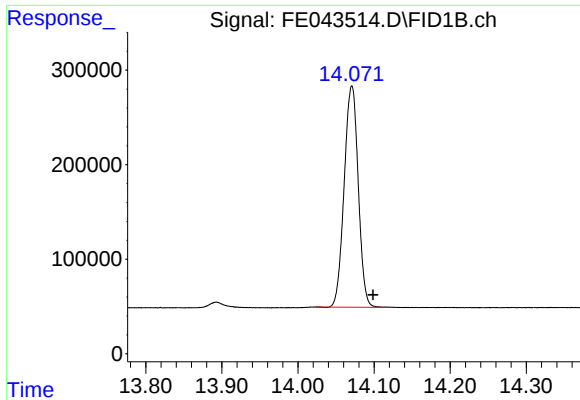
#11 n-Heneicosane (C21)

R.T.: 13.485 min
Delta R.T.: -0.027 min
Response: 2988904
Conc: 19.73 ug/ml



#12 1-chlorooctadecane (SURR)

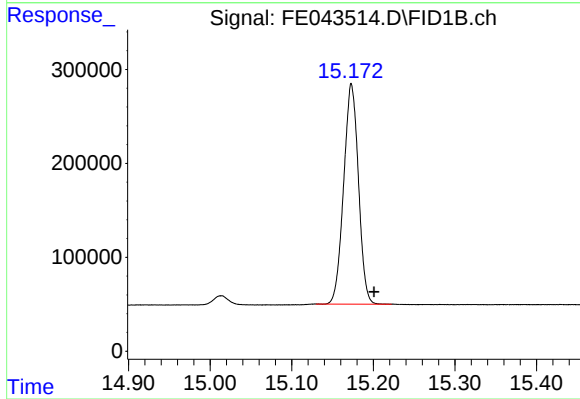
R.T.: 13.319 min
Delta R.T.: -0.027 min
Response: 2649313
Conc: 20.16 ug/ml



#13 n-Docosane (C22)

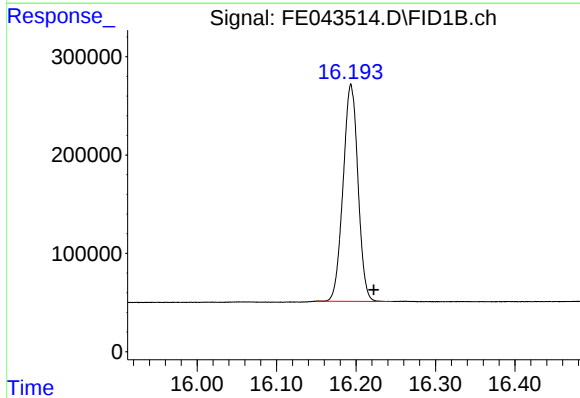
R.T.: 14.071 min
Delta R.T.: -0.028 min
Response: 3005174
Conc: 20.11 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



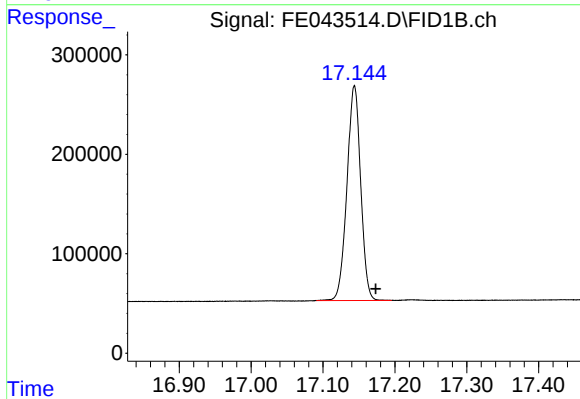
#14 n-Tetracosane (C24)

R.T.: 15.173 min
Delta R.T.: -0.028 min
Response: 2952332
Conc: 20.10 ug/ml



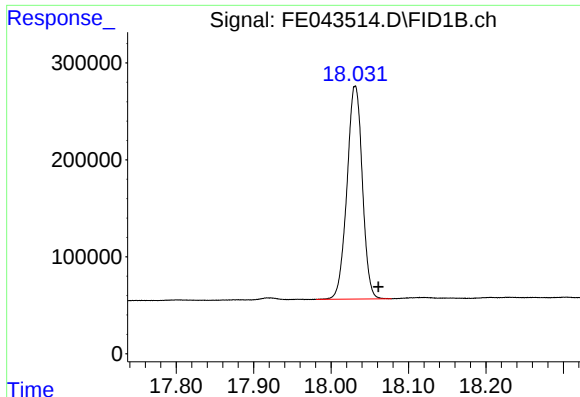
#15 n-Hexacosane (C26)

R.T.: 16.194 min
Delta R.T.: -0.029 min
Response: 2876963
Conc: 20.20 ug/ml



#16 n-Octacosane (C28)

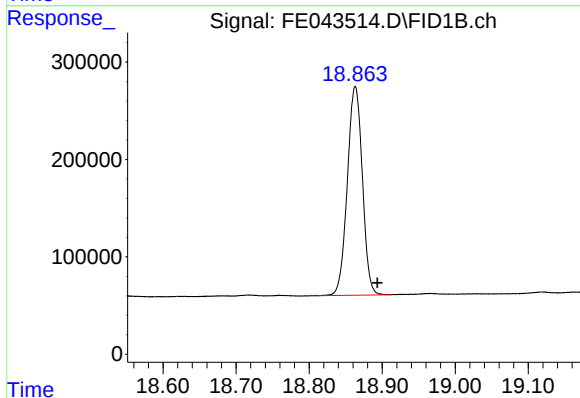
R.T.: 17.144 min
Delta R.T.: -0.030 min
Response: 2862280
Conc: 20.34 ug/ml



#17 n-Tricontane (C30)

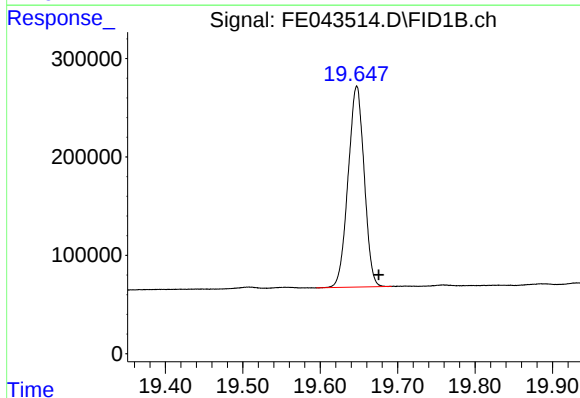
R.T.: 18.031 min
Delta R.T.: -0.030 min
Response: 3028341
Conc: 20.56 ug/ml

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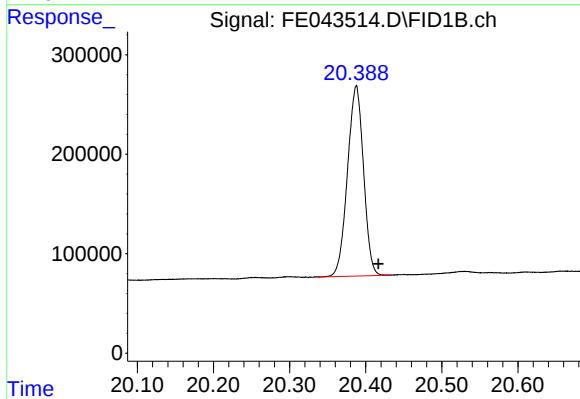
#18 n-Dotriacontane (C32)

R.T.: 18.863 min
Delta R.T.: -0.030 min
Response: 3065424
Conc: 20.69 ug/ml



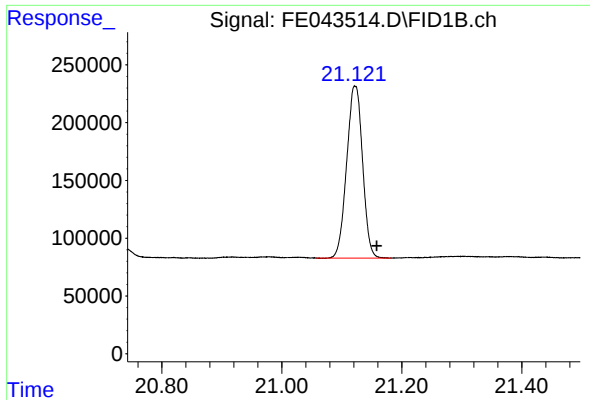
#19 n-Tetratriacontane (C34)

R.T.: 19.647 min
Delta R.T.: -0.028 min
Response: 2942276
Conc: 20.39 ug/ml



#20 n-Hexatriacontane (C36)

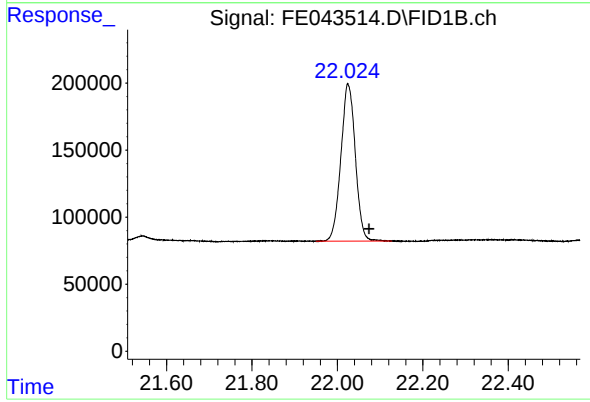
R.T.: 20.388 min
Delta R.T.: -0.029 min
Response: 2796782
Conc: 19.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.122 min
Delta R.T.: -0.036 min
Response: 2735014
Conc: 19.17 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.025 min
Delta R.T.: -0.049 min
Response: 2755403
Conc: 18.67 ug/ml