

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021323AL\
 Data File : FE040318.D
 Signal(s) : FID1B.ch
 Acq On : 13 Feb 2023 12:34
 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: Feb 14 00:48:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:52:48 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)	11.895	3789441	23.412 ug/ml
Spiked Amount 50.000		Recovery =	46.82%
12) S 1-chlorooctadecane (S...	13.334	2816188	22.707 ug/ml
Spiked Amount 50.000		Recovery =	45.41%
Target Compounds			
1) T n-Nonane (C9)	3.285	3155699	23.186 ug/ml
2) T n-Decane (C10)	4.536	3078496	23.169 ug/ml
3) T A~Naphthalene (C11.7)	6.238	3438660	23.496 ug/ml
4) T n-Dodecane (C12)	6.701	3120754	23.179 ug/ml
5) T A~2-methylnaphthalene...	7.333	3204303	23.673 ug/ml
6) T n-Tetradecane (C14)	8.528	3174784	23.036 ug/ml
7) T n-Hexadecane (C16)	10.136	3300042	22.994 ug/ml
8) T n-Octadecane (C18)	11.579	3424479	23.021 ug/ml
10) T n-Eicosane (C20)	12.889	3373297	22.945 ug/ml
11) T n-Heneicosane (C21)	13.502	3406710	23.097 ug/ml
13) T n-Docosane (C22)	14.089	3371255	22.753 ug/ml
14) T n-Tetracosane (C24)	15.193	3352889	22.087 ug/ml
15) T n-Hexacosane (C26)	16.215	3251677	21.934 ug/ml
16) T n-Octacosane (C28)	17.166	3148606	21.010 ug/ml
17) T n-Tricontane (C30)	18.053	3022905	20.488 ug/ml
18) T n-Dotriacontane (C32)	18.889	2943495	20.098 ug/ml
19) T n-Tetratriacontane (C34)	19.674	2839968	20.648 ug/ml
20) T n-Hexatriacontane (C36)	20.415	2639526	19.900 ug/ml
21) T n-Octatriacontane (C38)	21.147	2537839	19.562 ug/ml
22) T n-Tetracontane (C40)	22.047	2394060	18.032 ug/ml

(f)=RT Delta > 1/2 Window

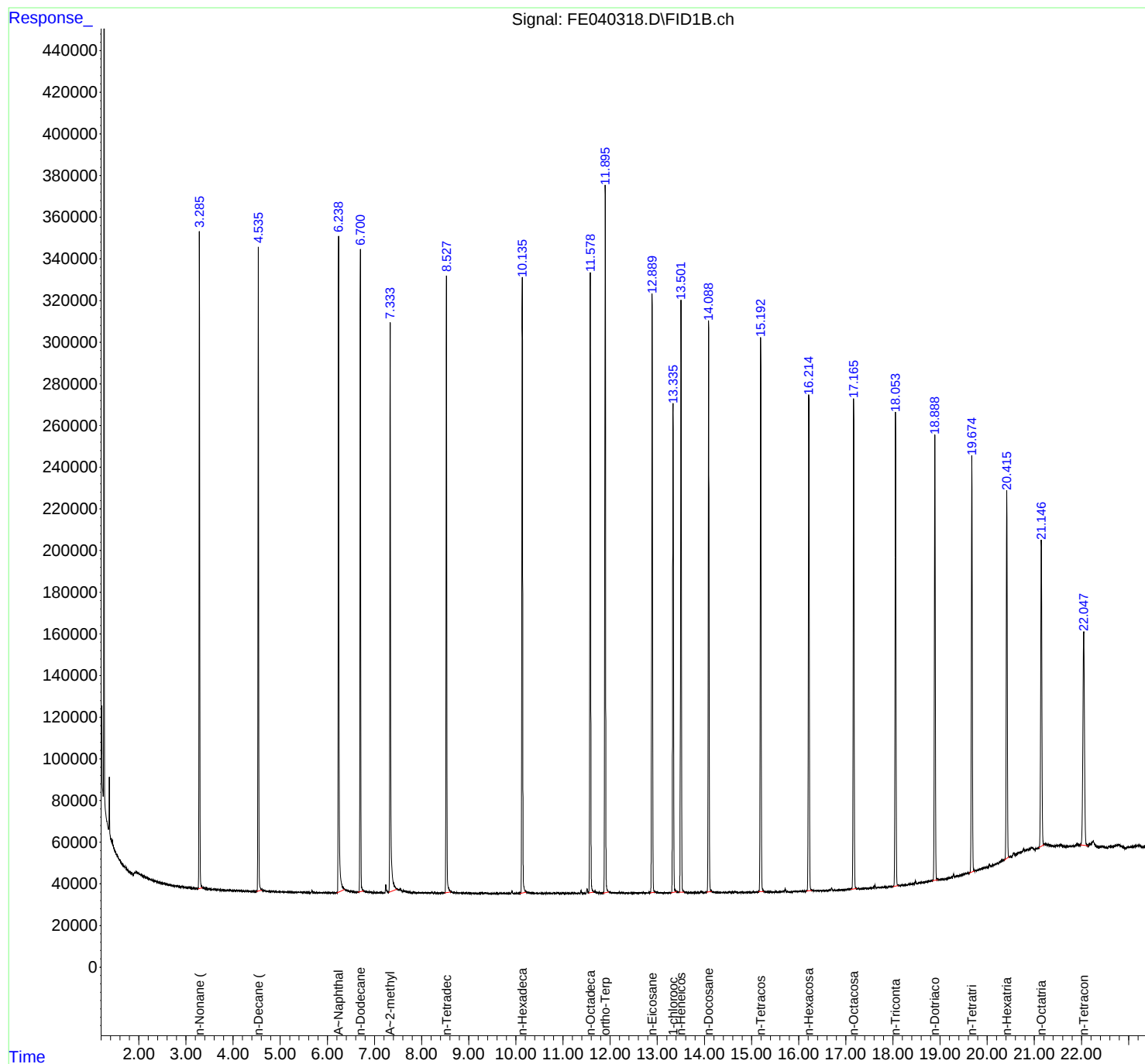
(m)=manual int.

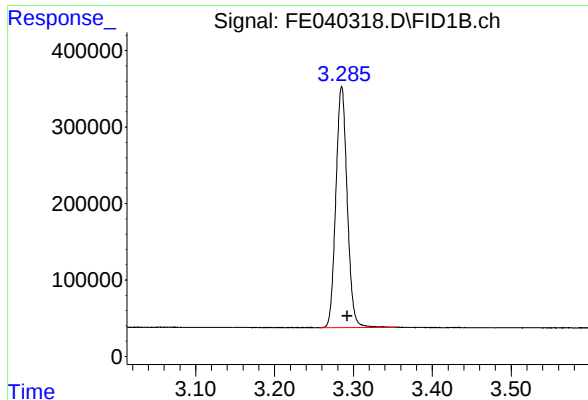
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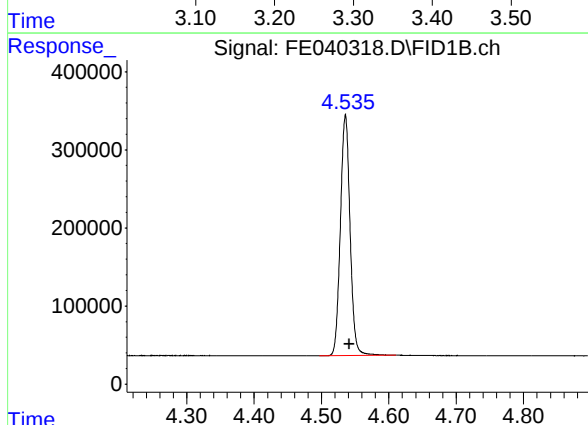




#1 n-Nonane (C9)

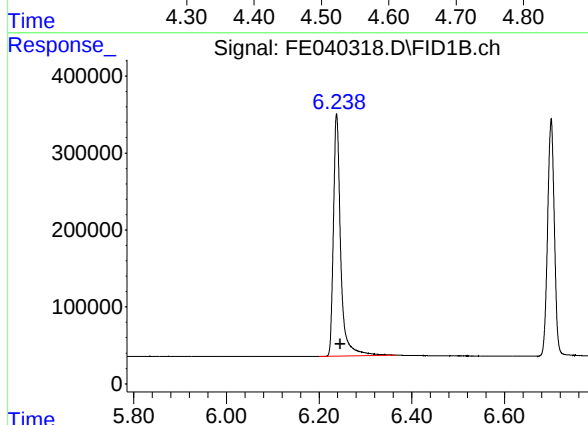
R.T.: 3.285 min
Delta R.T.: -0.007 min
Response: 3155699
Conc: 23.19 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



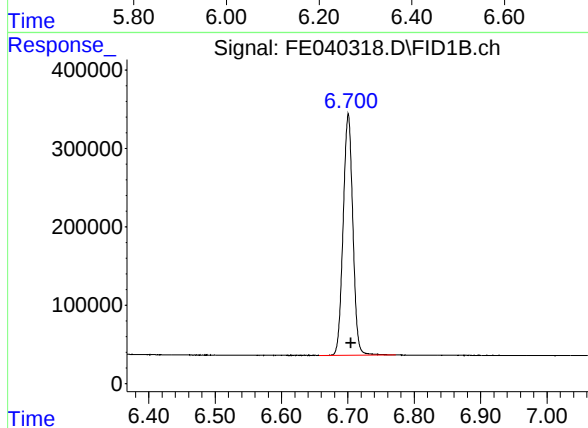
#2 n-Decane (C10)

R.T.: 4.536 min
Delta R.T.: -0.006 min
Response: 3078496
Conc: 23.17 ug/ml



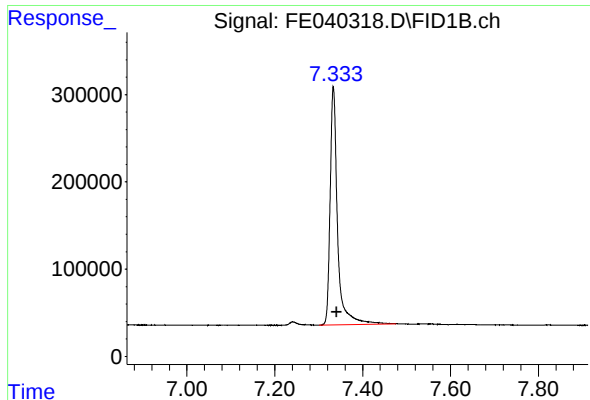
#3 A~Naphthalene (C11.7)

R.T.: 6.238 min
Delta R.T.: -0.008 min
Response: 3438660
Conc: 23.50 ug/ml



#4 n-Dodecane (C12)

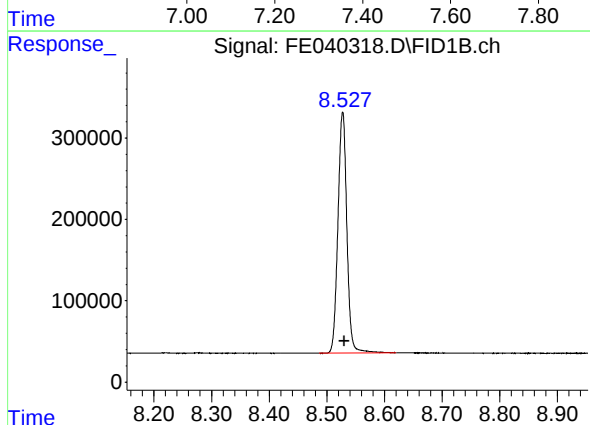
R.T.: 6.701 min
Delta R.T.: -0.004 min
Response: 3120754
Conc: 23.18 ug/ml



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

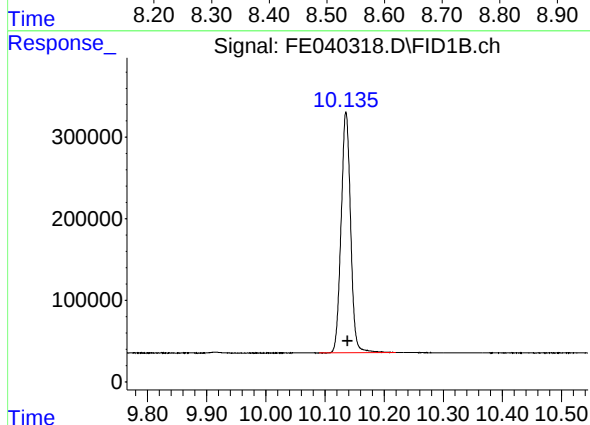
R.T.: 7.333 min
Delta R.T.: -0.007 min
Response: 3204303
Conc: 23.67 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



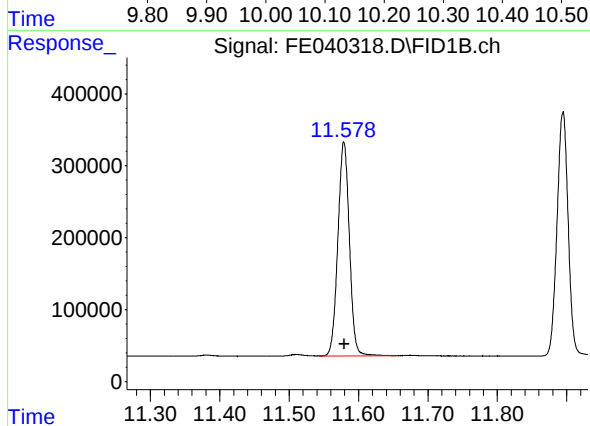
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.003 min
Response: 3174784
Conc: 23.04 ug/ml



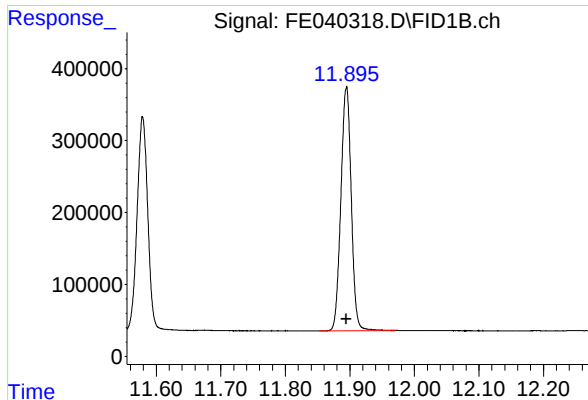
#7 n-Hexadecane (C16)

R.T.: 10.136 min
Delta R.T.: -0.002 min
Response: 3300042
Conc: 22.99 ug/ml



#8 n-Octadecane (C18)

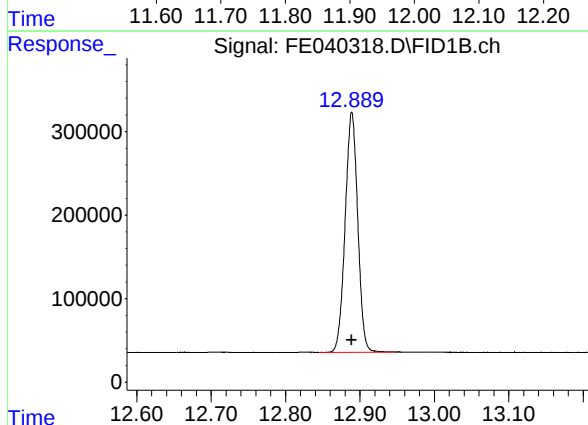
R.T.: 11.579 min
Delta R.T.: 0.000 min
Response: 3424479
Conc: 23.02 ug/ml



#9 ortho-Terphenyl (SURR)

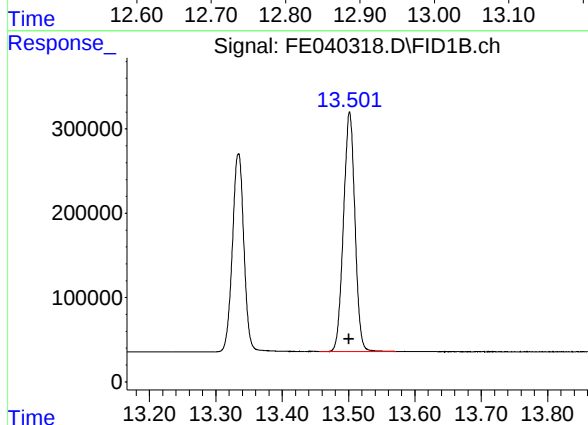
R.T.: 11.895 min
Delta R.T.: 0.000 min
Response: 3789441
Conc: 23.41 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



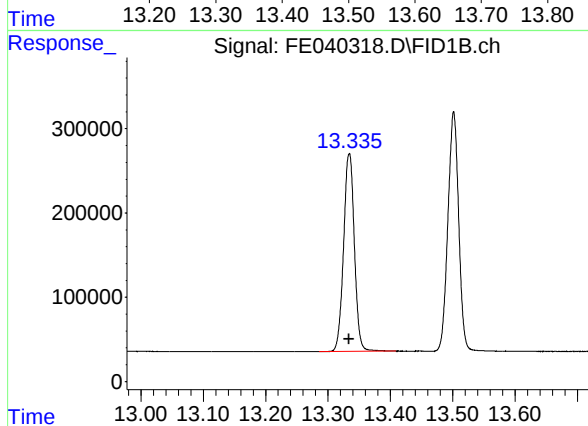
#10 n-Eicosane (C20)

R.T.: 12.889 min
Delta R.T.: 0.000 min
Response: 3373297
Conc: 22.94 ug/ml



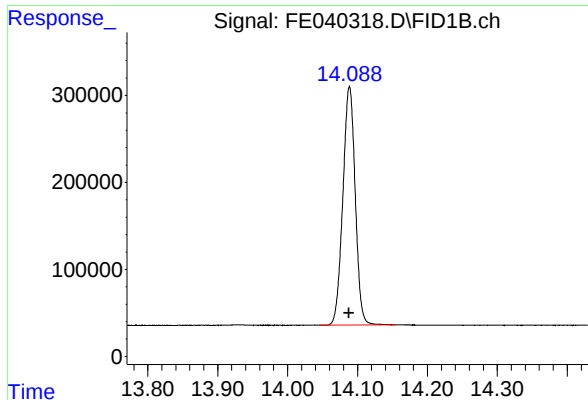
#11 n-Heneicosane (C21)

R.T.: 13.502 min
Delta R.T.: 0.001 min
Response: 3406710
Conc: 23.10 ug/ml



#12 1-chlorooctadecane (SURR)

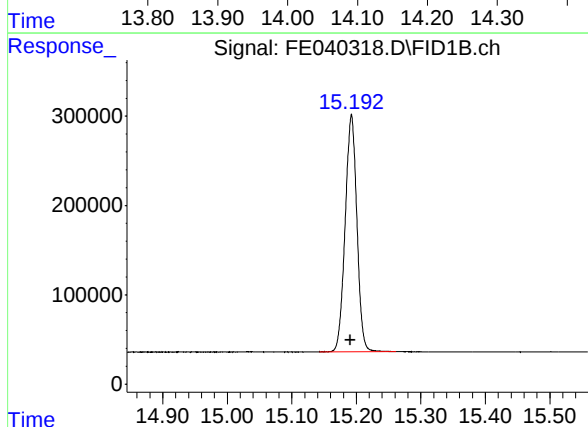
R.T.: 13.334 min
Delta R.T.: 0.000 min
Response: 2816188
Conc: 22.71 ug/ml



#13 n-Docosane (C22)

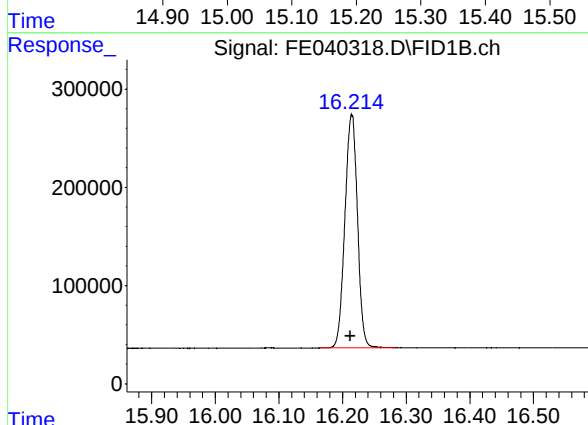
R.T.: 14.089 min
Delta R.T.: 0.000 min
Response: 3371255
Conc: 22.75 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



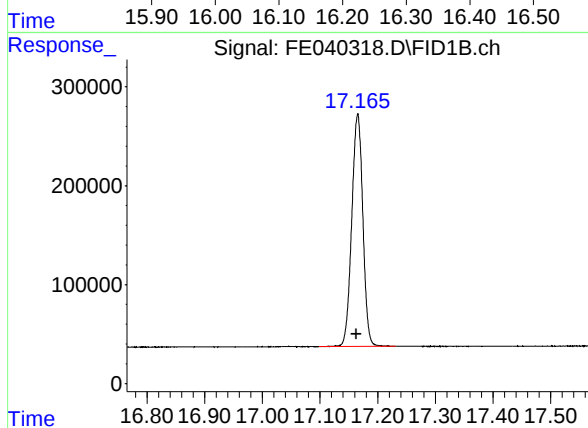
#14 n-Tetracosane (C24)

R.T.: 15.193 min
Delta R.T.: 0.002 min
Response: 3352889
Conc: 22.09 ug/ml



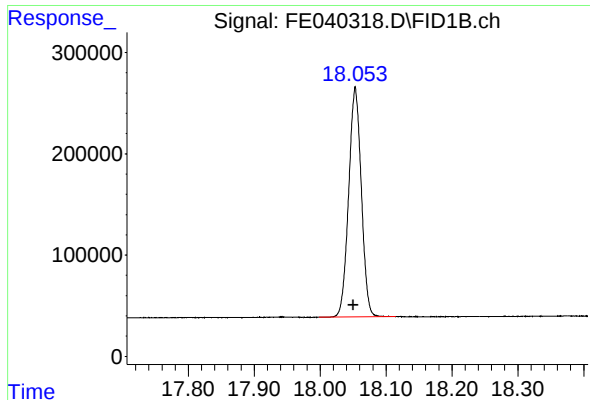
#15 n-Hexacosane (C26)

R.T.: 16.215 min
Delta R.T.: 0.002 min
Response: 3251677
Conc: 21.93 ug/ml



#16 n-Octacosane (C28)

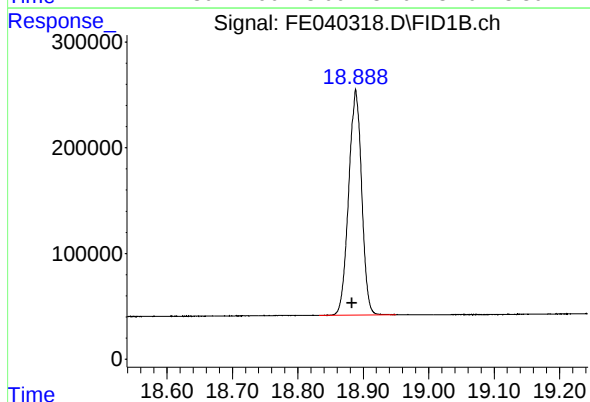
R.T.: 17.166 min
Delta R.T.: 0.003 min
Response: 3148606
Conc: 21.01 ug/ml



#17 n-Tricontane (C30)

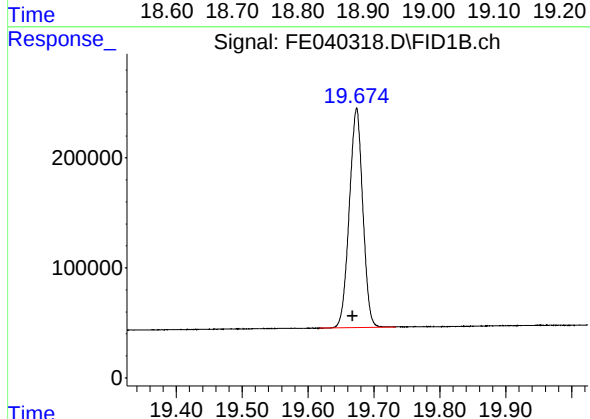
R.T.: 18.053 min
Delta R.T.: 0.003 min
Response: 3022905
Conc: 20.49 ug/ml

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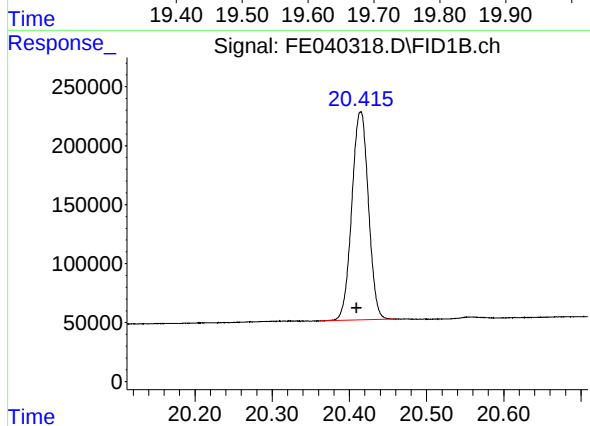
#18 n-Dotriacontane (C32)

R.T.: 18.889 min
Delta R.T.: 0.006 min
Response: 2943495
Conc: 20.10 ug/ml



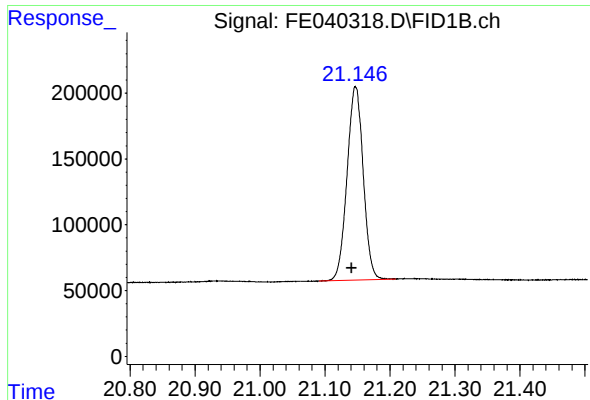
#19 n-Tetatriacontane (C34)

R.T.: 19.674 min
Delta R.T.: 0.006 min
Response: 2839968
Conc: 20.65 ug/ml



#20 n-Hexatriacontane (C36)

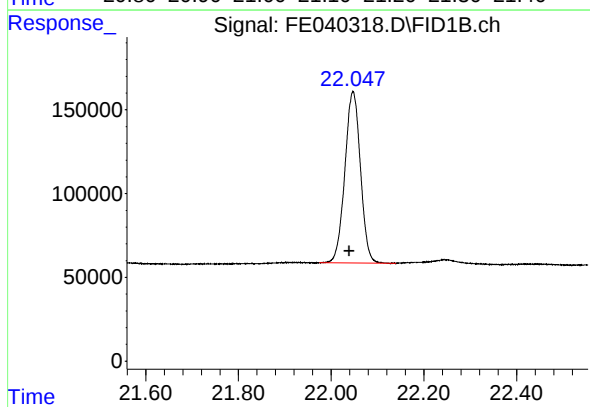
R.T.: 20.415 min
Delta R.T.: 0.006 min
Response: 2639526
Conc: 19.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.147 min
Delta R.T.: 0.006 min
Response: 2537839
Conc: 19.56 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.047 min
Delta R.T.: 0.009 min
Response: 2394060
Conc: 18.03 ug/ml