

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022023AL\
 Data File : FE040437.D
 Signal(s) : FID1B.ch
 Acq On : 20 Feb 2023 10:34
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/21/2023
 Supervised By :Ankita Jodhani 02/21/2023

Integration File: autoint1.e
 Quant Time: Feb 21 02:07:54 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)	11.890	3502350	21.638 ug/ml
Spiked Amount 50.000		Recovery =	43.28%
12) S 1-chlorooctadecane (S...	13.329	2638427	21.274 ug/ml
Spiked Amount 50.000		Recovery =	42.55%
Target Compounds			
1) T n-Nonane (C9)	3.282	2967924	21.806 ug/ml
2) T n-Decane (C10)	4.531	2938083	22.113 ug/ml
3) T A~Naphthalene (C11.7)	6.234	3198725	21.856 ug/ml
4) T n-Dodecane (C12)	6.696	2991255	22.217 ug/ml
5) T A~2-methylnaphthalene...	7.330	2966898	21.919 ug/ml
6) T n-Tetradecane (C14)	8.523	3018247	21.901 ug/ml
7) T n-Hexadecane (C16)	10.131	3127021	21.788 ug/ml
8) T n-Octadecane (C18)	11.574	3224291	21.675 ug/ml
10) T n-Eicosane (C20)	12.884	3163856	21.520 ug/ml
11) T n-Heneicosane (C21)	13.496	3168995	21.486 ug/ml
13) T n-Docosane (C22)	14.083	3193963	21.556 ug/ml
14) T n-Tetracosane (C24)	15.186	3252758	21.428 ug/ml
15) T n-Hexacosane (C26)	16.209	3226048	21.761 ug/ml
16) T n-Octacosane (C28)	17.159	3254067	21.714 ug/ml
17) T n-Tricontane (C30)	18.049	3208642	21.746 ug/ml
18) T n-Dotriacontane (C32)	18.883	3131997	21.385 ug/ml
19) T n-Tetratriacontane (C34)	19.668	2947129	21.427 ug/ml
20) T n-Hexatriacontane (C36)	20.411	2676931	20.182 ug/ml
21) T n-Octatriacontane (C38)	21.143	2713328	20.915 ug/ml
22) T n-Tetracontane (C40)	22.042	2743794	20.666 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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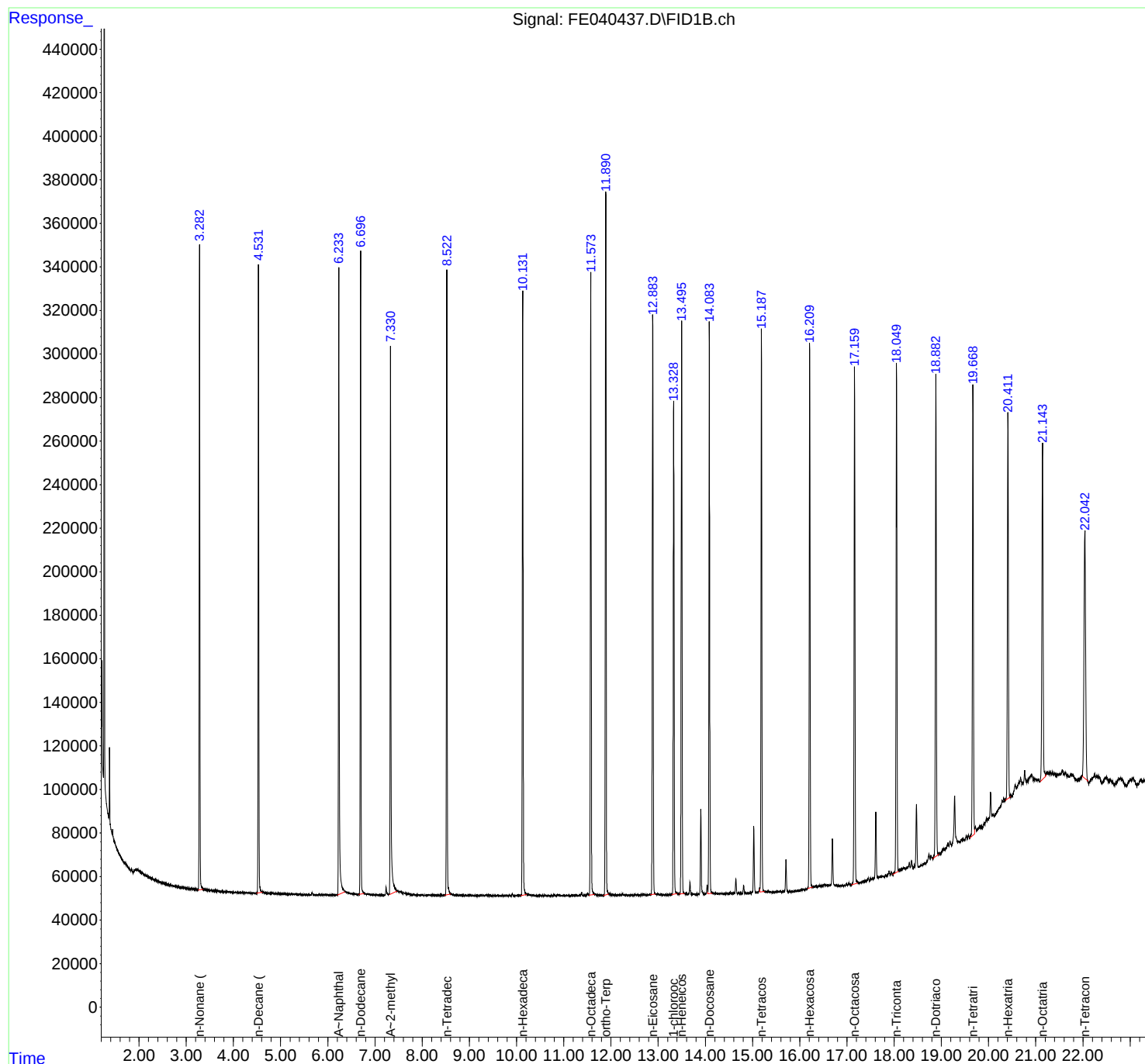
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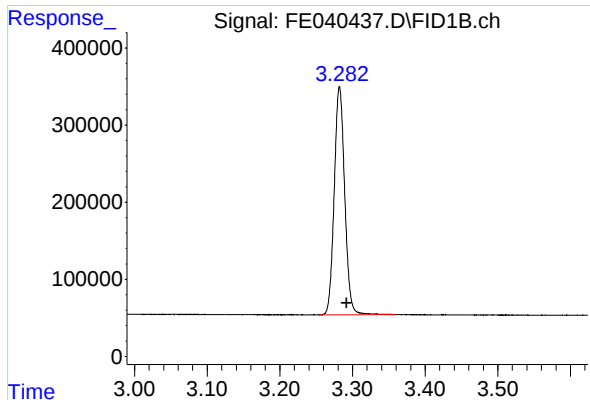
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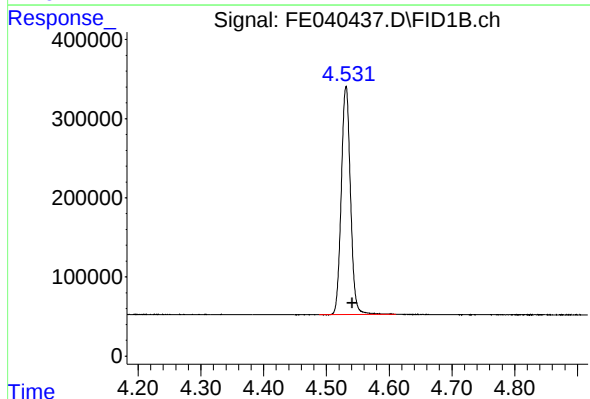
#1 n-Nonane (C9)

R.T.: 3.282 min
Delta R.T.: -0.010 min
Response: 2967924
Conc: 21.81 ug/ml

Instrument :
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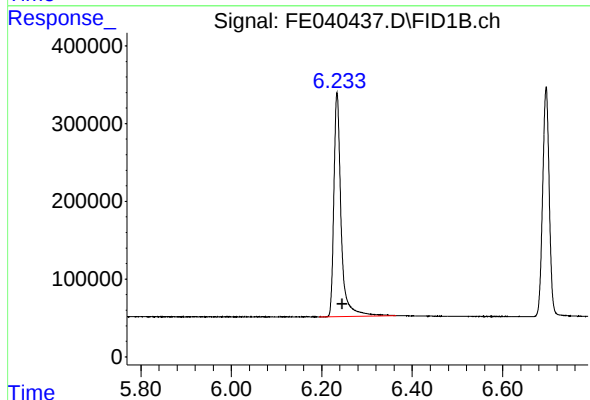
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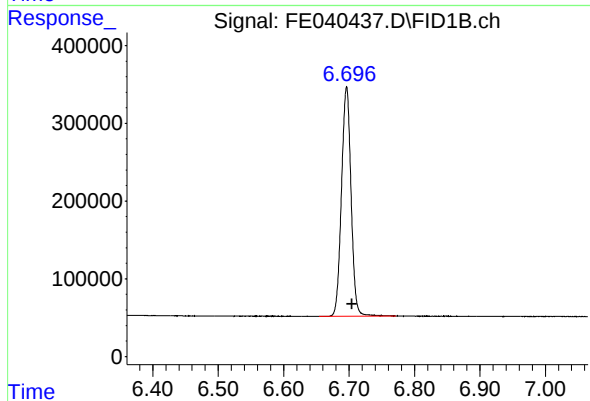
#2 n-Decane (C10)

R.T.: 4.531 min
Delta R.T.: -0.010 min
Response: 2938083
Conc: 22.11 ug/ml



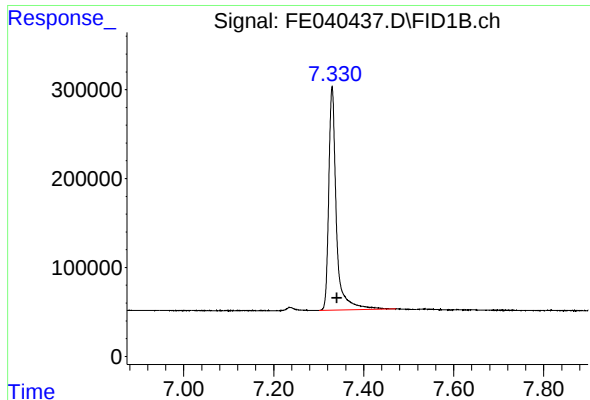
#3 A~Naphthalene (C11.7)

R.T.: 6.234 min
Delta R.T.: -0.012 min
Response: 3198725
Conc: 21.86 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.696 min
Delta R.T.: -0.008 min
Response: 2991255
Conc: 22.22 ug/ml



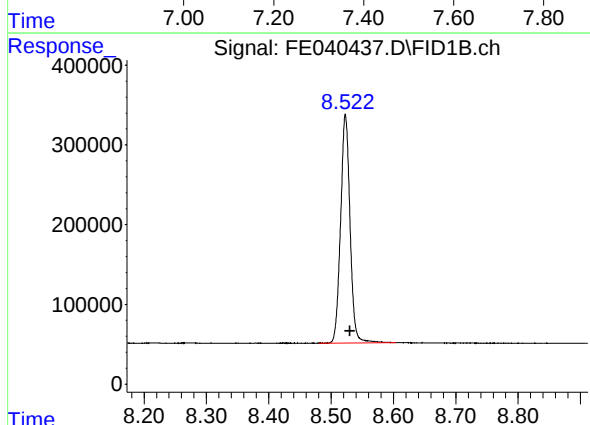
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.330 min
Delta R.T.: -0.011 min
Response: 2966898
Conc: 21.92 ug/ml

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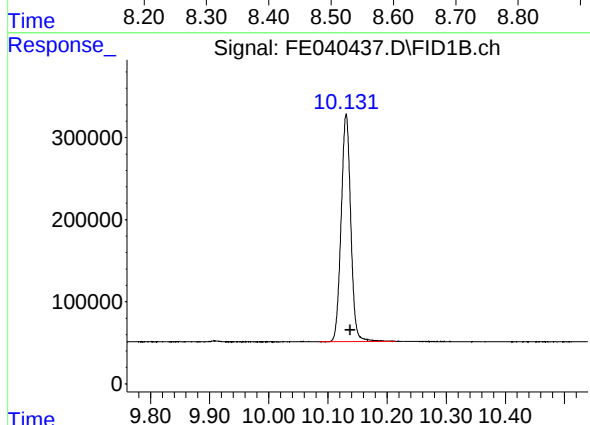
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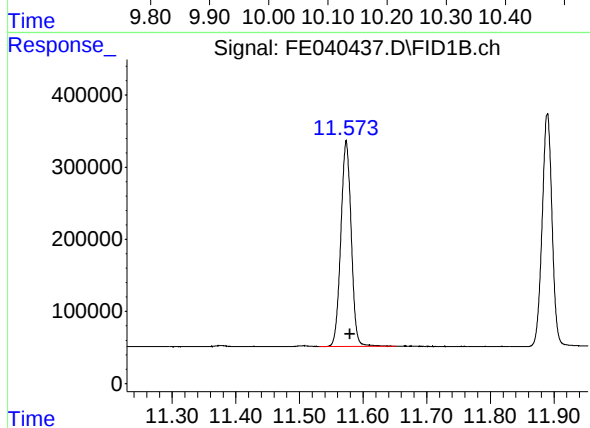
#6 n-Tetradecane (C14)

R.T.: 8.523 min
Delta R.T.: -0.008 min
Response: 3018247
Conc: 21.90 ug/ml



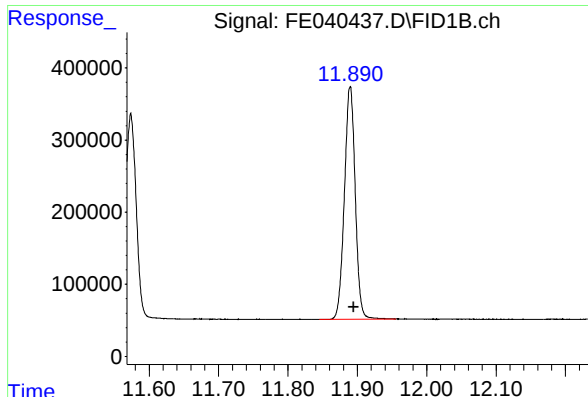
#7 n-Hexadecane (C16)

R.T.: 10.131 min
Delta R.T.: -0.007 min
Response: 3127021
Conc: 21.79 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.574 min
Delta R.T.: -0.006 min
Response: 3224291
Conc: 21.68 ug/ml



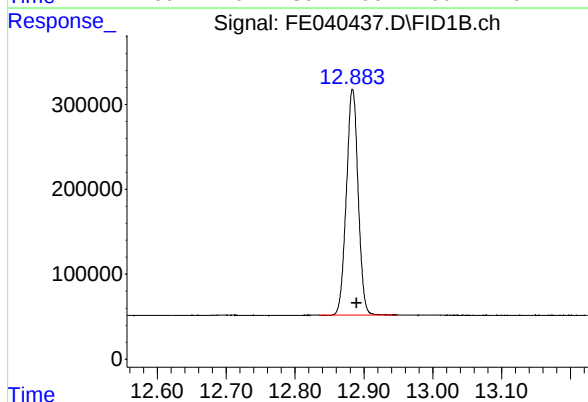
#9 ortho-Terphenyl (SURR)

R.T.: 11.890 min
Delta R.T.: -0.005 min
Response: 3502350
Conc: 21.64 ug/ml

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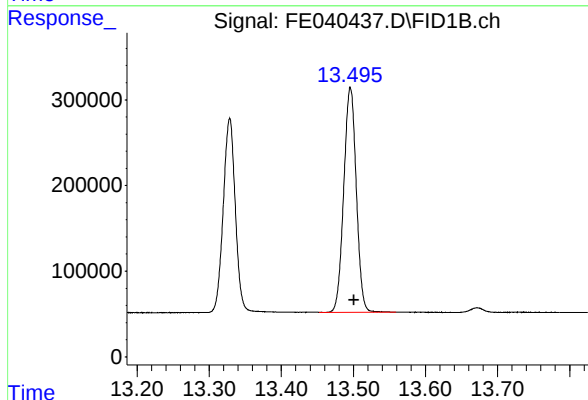
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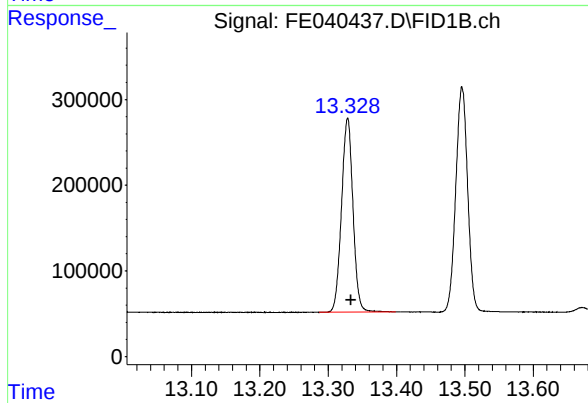
#10 n-Eicosane (C20)

R.T.: 12.884 min
Delta R.T.: -0.006 min
Response: 3163856
Conc: 21.52 ug/ml



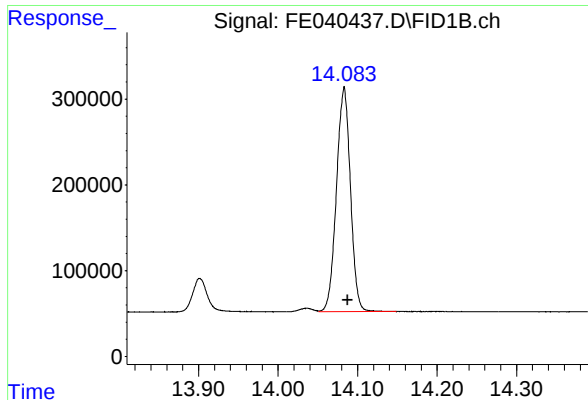
#11 n-Heneicosane (C21)

R.T.: 13.496 min
Delta R.T.: -0.005 min
Response: 3168995
Conc: 21.49 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.329 min
Delta R.T.: -0.005 min
Response: 2638427
Conc: 21.27 ug/ml



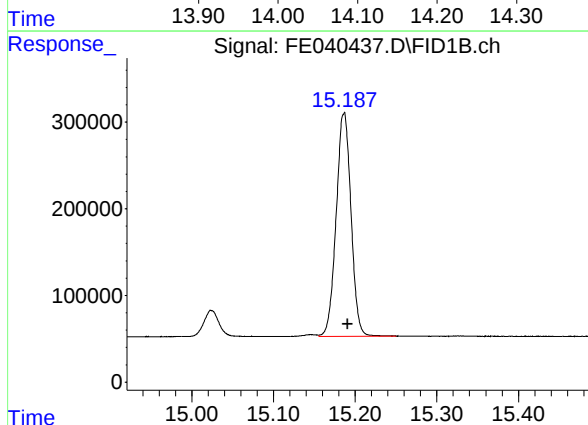
#13 n-Docosane (C22)

R.T.: 14.083 min
Delta R.T.: -0.004 min
Response: 3193963
Conc: 21.56 ug/ml

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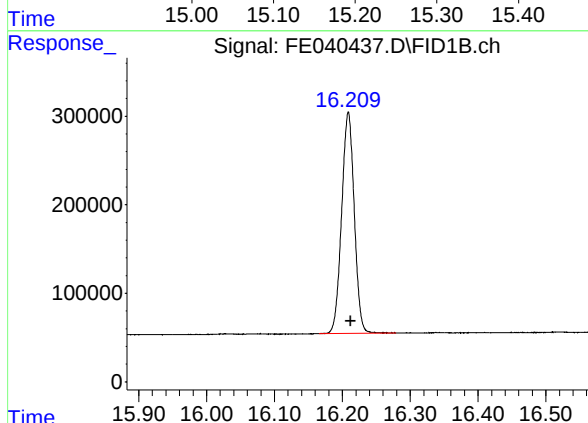
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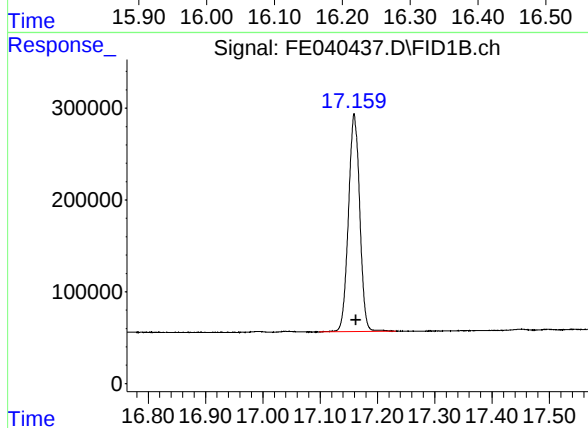
#14 n-Tetracosane (C24)

R.T.: 15.186 min
Delta R.T.: -0.004 min
Response: 3252758
Conc: 21.43 ug/ml



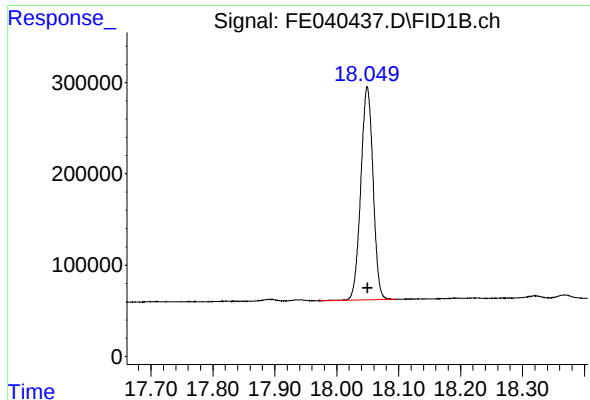
#15 n-Hexacosane (C26)

R.T.: 16.209 min
Delta R.T.: -0.004 min
Response: 3226048
Conc: 21.76 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.159 min
Delta R.T.: -0.003 min
Response: 3254067
Conc: 21.71 ug/ml



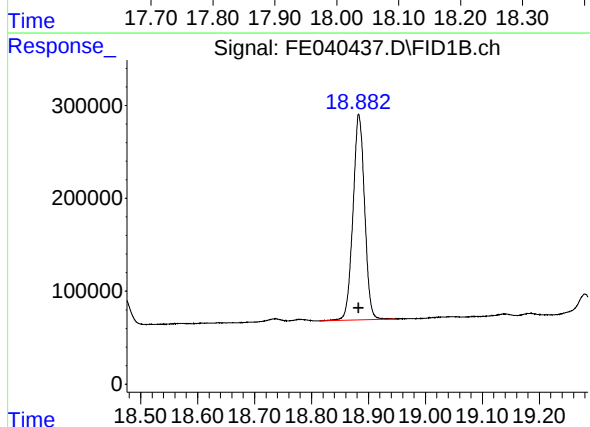
#17 n-Tricontane (C30)

R.T.: 18.049 min
Delta R.T.: 0.000 min
Response: 3208642
Conc: 21.75 ug/ml

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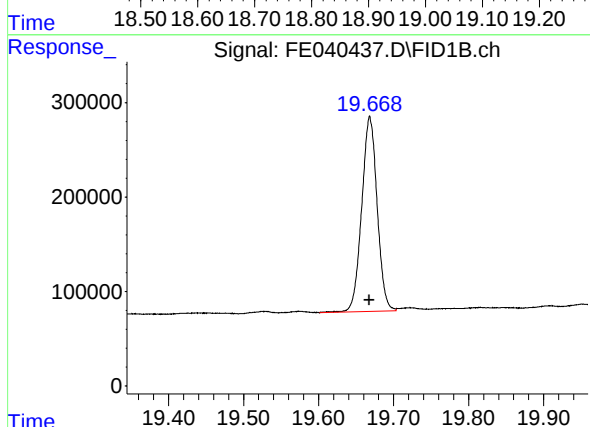
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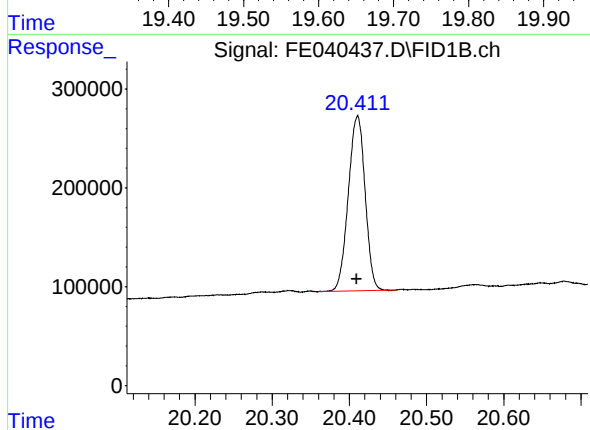
#18 n-Dotriacontane (C32)

R.T.: 18.883 min
Delta R.T.: 0.000 min
Response: 3131997
Conc: 21.38 ug/ml



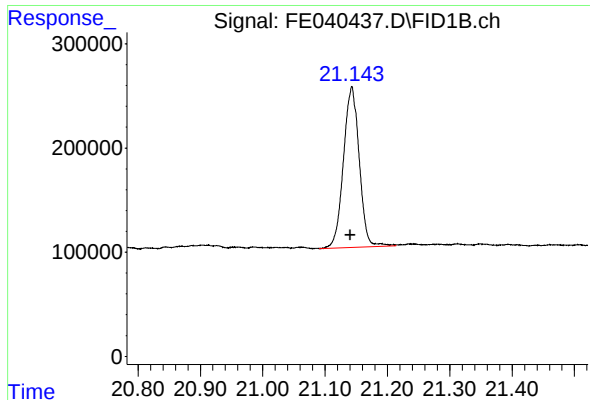
#19 n-Tetatriacontane (C34)

R.T.: 19.668 min
Delta R.T.: 0.000 min
Response: 2947129
Conc: 21.43 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.411 min
Delta R.T.: 0.002 min
Response: 2676931
Conc: 20.18 ug/ml



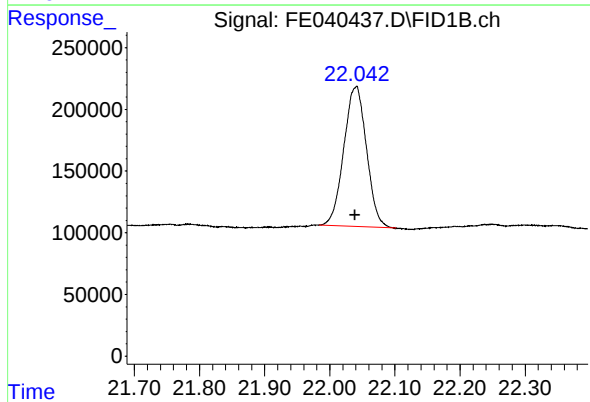
#21 n-Octatriacontane (C38)

R.T.: 21.143 min
Delta R.T.: 0.002 min
Response: 2713328
Conc: 20.92 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.042 min
Delta R.T.: 0.003 min
Response: 2743794
Conc: 20.67 ug/ml m