

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090922AL\
 Data File : FE037481.D
 Signal(s) : FID1B.ch
 Acq On : 09 Sep 2022 13:12
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/12/2022
 Supervised By :Ankita Jodhani 09/12/2022

Integration File: autoint1.e
 Quant Time: Sep 12 02:42:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 2022
 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)	11.642	3033279	17.949 ug/ml
Spiked Amount 50.000		Recovery =	35.90%
12) S 1-chlorooctadecane (S...	13.067	2326132	18.074 ug/ml
Spiked Amount 50.000		Recovery =	36.15%
Target Compounds			
1) T n-Nonane (C9)	3.034	2783293	18.191 ug/ml
2) T n-Decane (C10)	4.293	2893611	18.768 ug/ml
3) T A~Naphthalene (C11.7)	6.008	2889048	20.053 ug/ml
4) T n-Dodecane (C12)	6.465	2975114	18.814 ug/ml
5) T A~2-methylnaphthalene...	7.101	2835177	20.307 ug/ml
6) T n-Tetradecane (C14)	9.884	2976435	18.784 ug/ml
7) T n-Hexadecane (C16)	9.884	2976435	18.784 ug/ml
8) T n-Octadecane (C18)	11.320	2938757	18.454 ug/ml
10) T n-Eicosane (C20)	12.624	2857553	18.061 ug/ml
11) T n-Heneicosane (C21)	13.233	2814748	17.850 ug/ml
13) T n-Docosane (C22)	13.816	2763554	17.753 ug/ml
14) T n-Tetracosane (C24)	14.914	2675291	17.787 ug/ml
15) T n-Hexacosane (C26)	15.929	2608084	18.011 ug/ml
16) T n-Octacosane (C28)	16.875	2615390	18.878 ug/ml
17) T n-Tricontane (C30)	17.759	2836861	20.854 ug/ml
18) T n-Dotriacontane (C32)	18.588	2957432	22.148 ug/ml
19) T n-Tetratriacontane (C34)	19.369	2871849	22.697 ug/mlm
20) T n-Hexatriacontane (C36)	20.105	2850361	22.162 ug/ml
21) T n-Octatriacontane (C38)	20.803	2884348	23.175 ug/ml
22) T n-Tetracontane (C40)	21.587	2945080	22.845 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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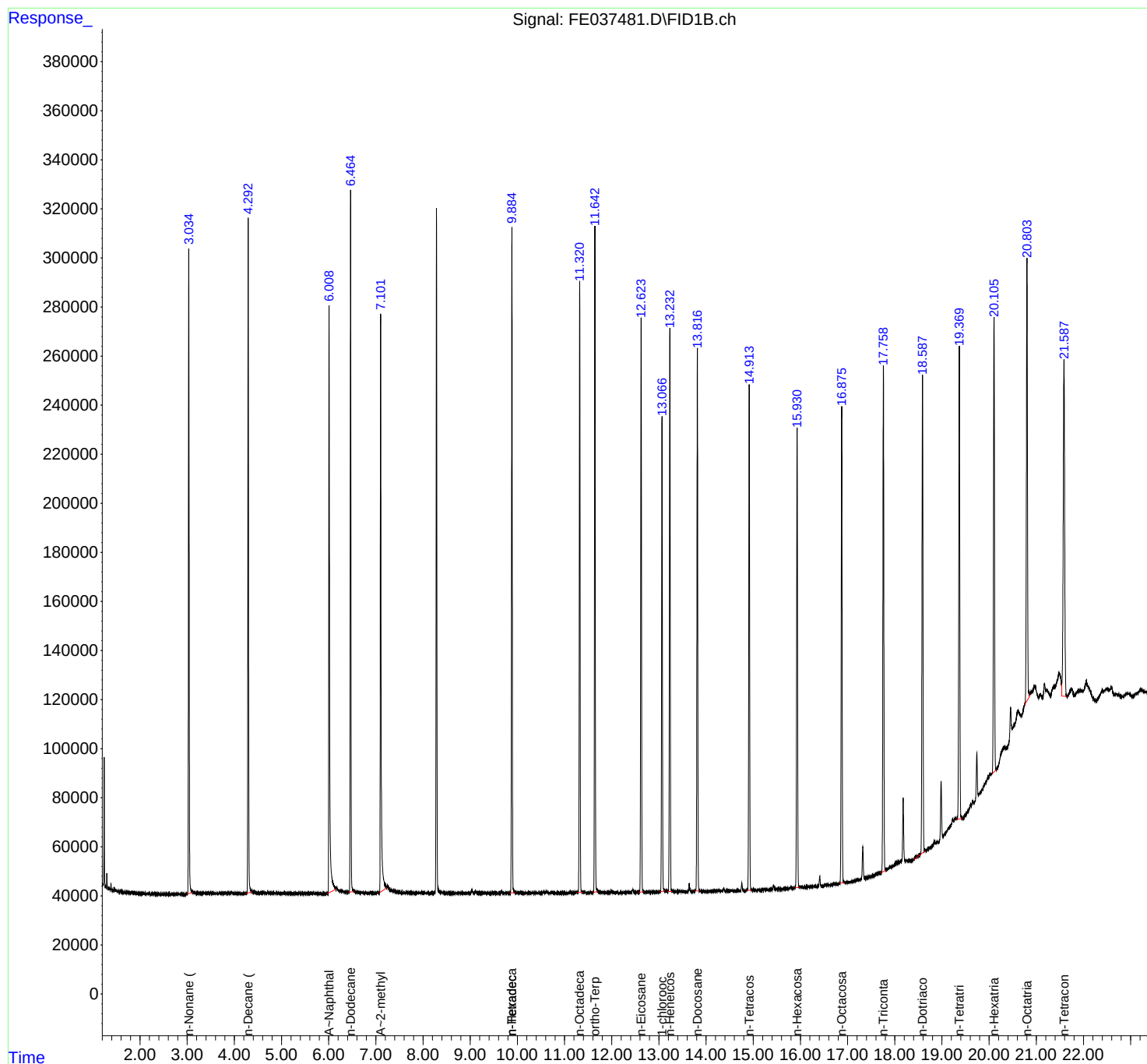
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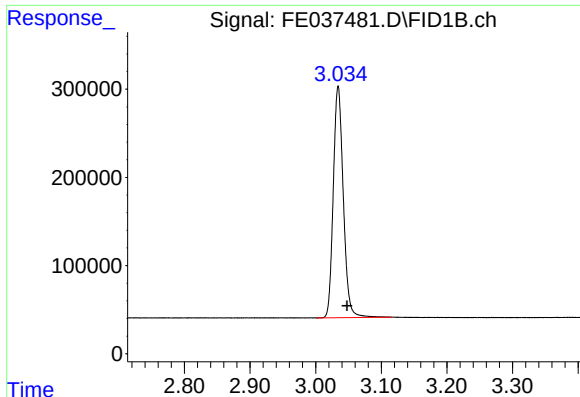
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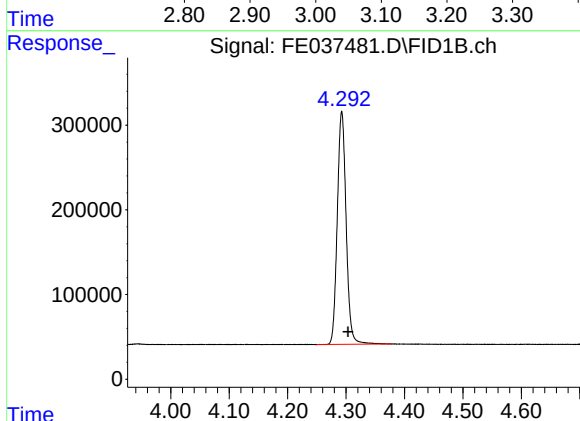
#1 n-Nonane (C9)

R.T.: 3.034 min
Delta R.T.: -0.014 min
Response: 2783293
Conc: 18.19 ug/ml

Instrument :
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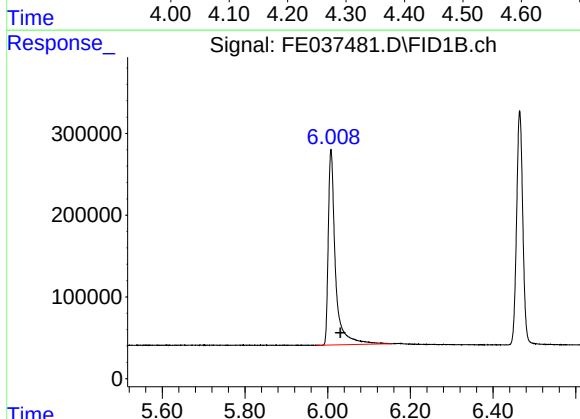
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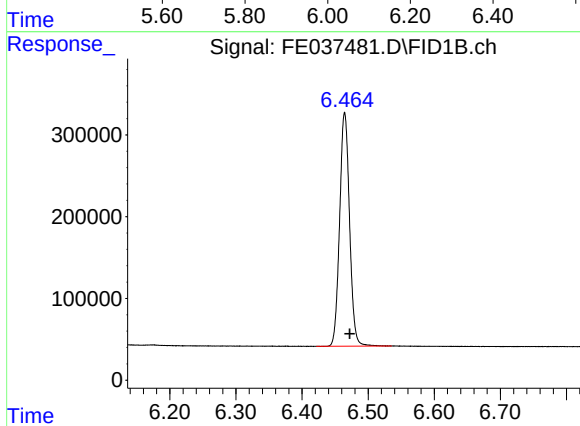
#2 n-Decane (C10)

R.T.: 4.293 min
Delta R.T.: -0.011 min
Response: 2893611
Conc: 18.77 ug/ml



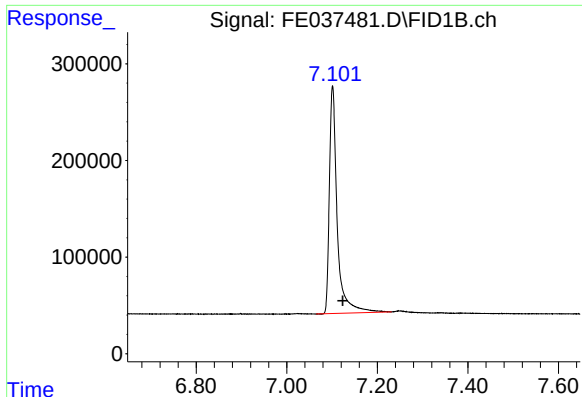
#3 A~Naphthalene (C11.7)

R.T.: 6.008 min
Delta R.T.: -0.023 min
Response: 2889048
Conc: 20.05 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.465 min
Delta R.T.: -0.008 min
Response: 2975114
Conc: 18.81 ug/ml



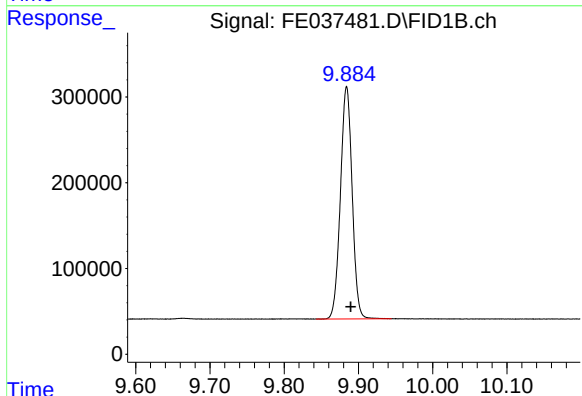
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.101 min
Delta R.T.: -0.022 min
Response: 2835177
Conc: 20.31 ug/ml

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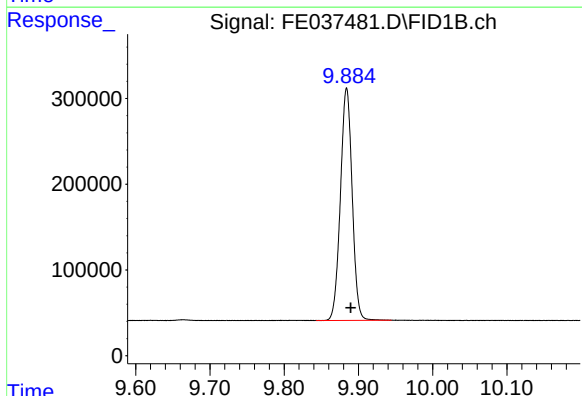
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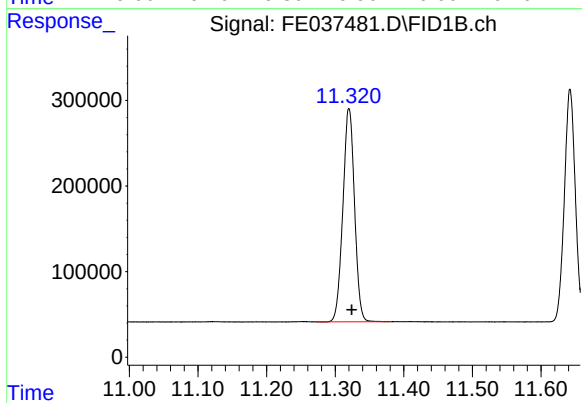
#6 n-Tetradecane (C14)

R.T.: 9.884 min
Delta R.T.: -0.006 min
Response: 2976435
Conc: 18.78 ug/ml



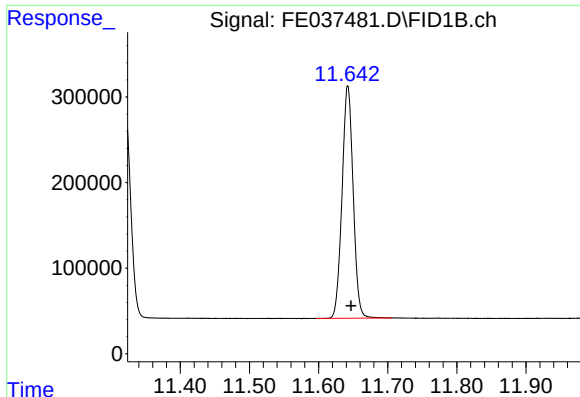
#7 n-Hexadecane (C16)

R.T.: 9.884 min
Delta R.T.: -0.006 min
Response: 2976435
Conc: 18.78 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.320 min
Delta R.T.: -0.004 min
Response: 2938757
Conc: 18.45 ug/ml



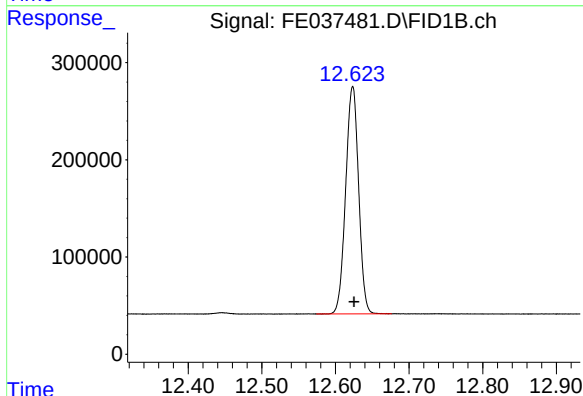
#9 ortho-Terphenyl (SURR)

R.T.: 11.642 min
Delta R.T.: -0.005 min
Response: 3033279
Conc: 17.95 ug/ml

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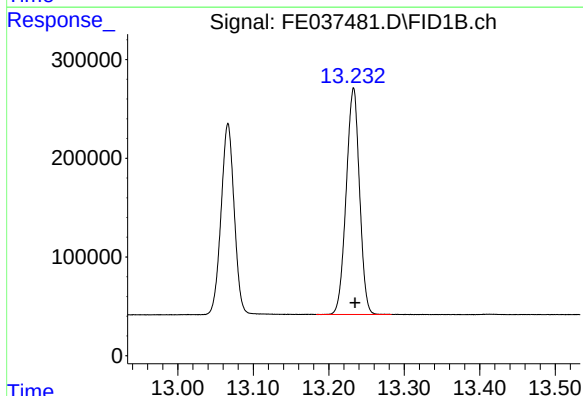
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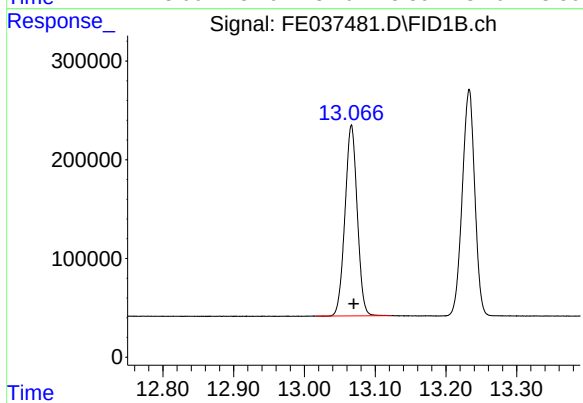
#10 n-Eicosane (C20)

R.T.: 12.624 min
Delta R.T.: -0.002 min
Response: 2857553
Conc: 18.06 ug/ml



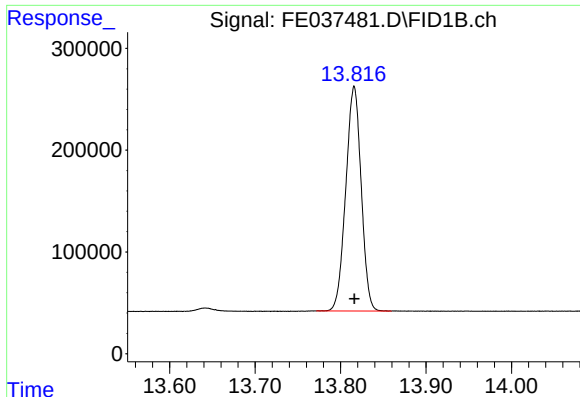
#11 n-Heneicosane (C21)

R.T.: 13.233 min
Delta R.T.: -0.002 min
Response: 2814748
Conc: 17.85 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.067 min
Delta R.T.: -0.003 min
Response: 2326132
Conc: 18.07 ug/ml



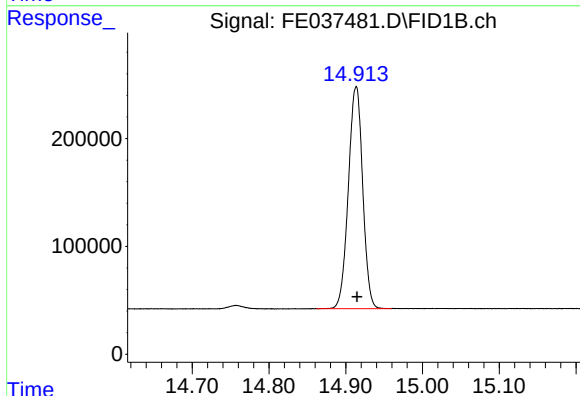
#13 n-Docosane (C22)

R.T.: 13.816 min
Delta R.T.: 0.000 min
Response: 2763554
Conc: 17.75 ug/ml

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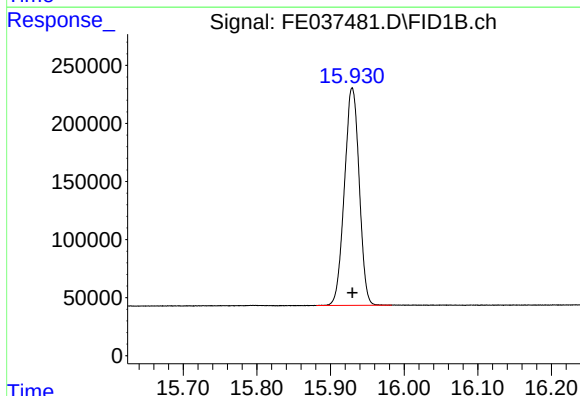
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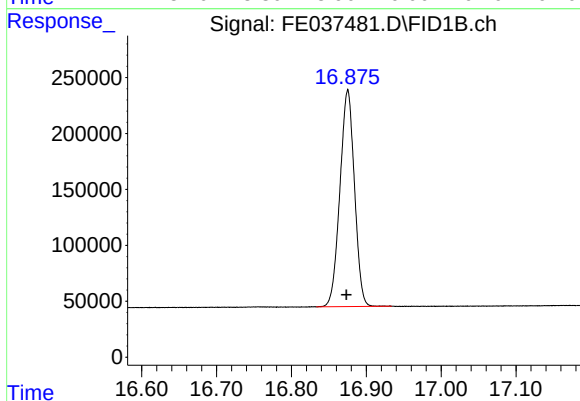
#14 n-Tetracosane (C24)

R.T.: 14.914 min
Delta R.T.: -0.001 min
Response: 2675291
Conc: 17.79 ug/ml



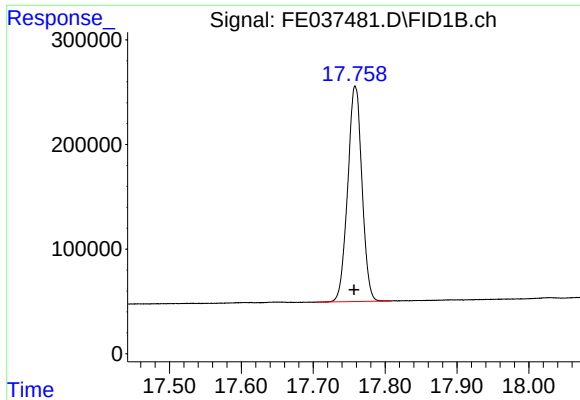
#15 n-Hexacosane (C26)

R.T.: 15.929 min
Delta R.T.: 0.000 min
Response: 2608084
Conc: 18.01 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.875 min
Delta R.T.: 0.002 min
Response: 2615390
Conc: 18.88 ug/ml



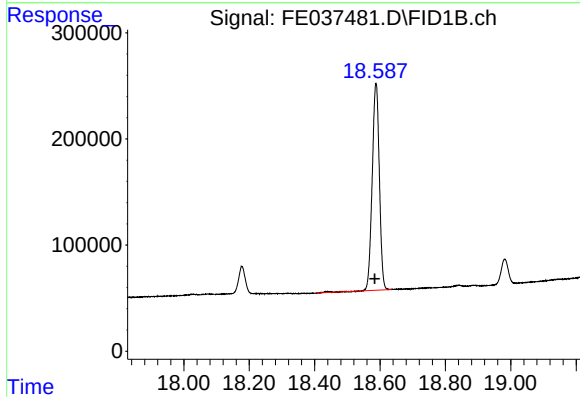
#17 n-Tricontane (C30)

R.T.: 17.759 min
Delta R.T.: 0.002 min
Response: 2836861
Conc: 20.85 ug/ml

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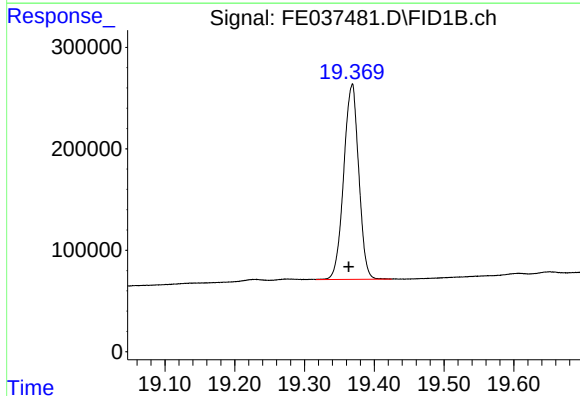
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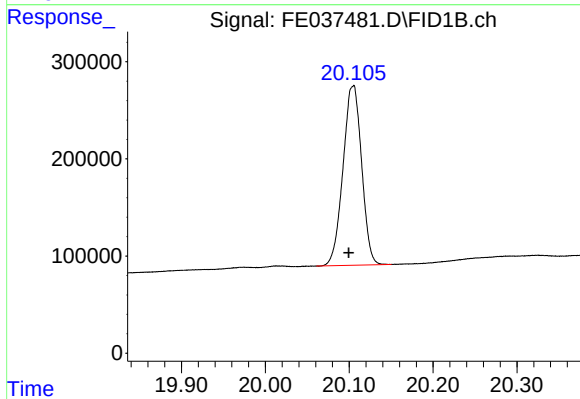
#18 n-Dotriacontane (C32)

R.T.: 18.588 min
Delta R.T.: 0.004 min
Response: 2957432
Conc: 22.15 ug/ml



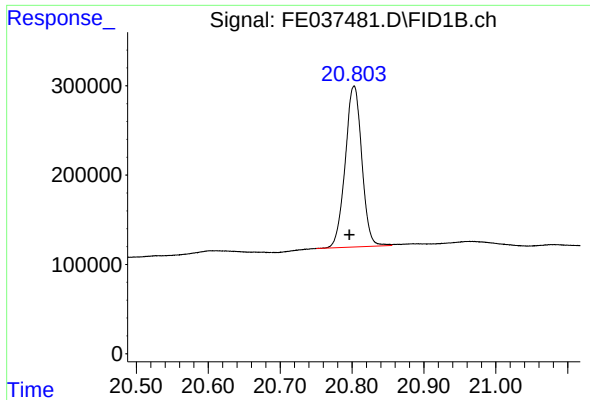
#19 n-Tetratriacontane (C34)

R.T.: 19.369 min
Delta R.T.: 0.005 min
Response: 2871849
Conc: 22.70 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.105 min
Delta R.T.: 0.005 min
Response: 2850361
Conc: 22.16 ug/ml



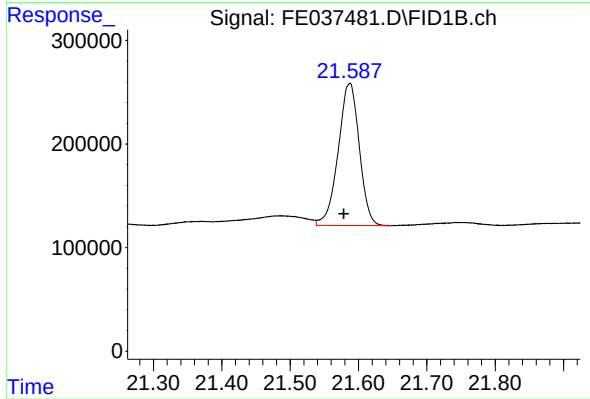
#21 n-Octatriacontane (C38)

R.T.: 20.803 min
Delta R.T.: 0.006 min
Response: 2884348
Conc: 23.17 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.587 min
Delta R.T.: 0.009 min
Response: 2945080
Conc: 22.85 ug/ml