

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111824AL\
 Data File : FE051320.D
 Signal(s) : FID1B.ch
 Acq On : 18 Nov 2024 19:52
 Operator : YP\AJ
 Sample : P4887-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

MH-739MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :Ankita Jodhani 11/19/2024

Integration File: autoint1.e

Quant Time: Nov 19 02:51:02 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M

Quant Title : GC Extractables

QLast Update : Thu Nov 07 04:56:04 2024

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)	11.849	4866025	32.420 ug/ml
Spiked Amount 50.000		Recovery =	64.84%
12) S 1-chlorooctadecane (S...	13.282	3995658	35.194 ug/ml
Spiked Amount 50.000		Recovery =	70.39%
Target Compounds			
1) T n-Nonane (C9)	3.242	5922597	42.803 ug/ml
2) T n-Decane (C10)	4.491	6596632	47.059 ug/ml
3) T A~Naphthalene (C11.7)	6.201	6763645	51.298 ug/ml
4) T n-Dodecane (C12)	6.656	7106318	50.329 ug/ml
5) T A~2-methylnaphthalene...	7.296	6292532	50.302 ug/ml
6) T n-Tetradecane (C14)	8.485	7468046	53.587 ug/ml
7) T n-Hexadecane (C16)	10.089	7884512	55.561 ug/ml
8) T n-Octadecane (C18)	11.530	8098814	56.712 ug/ml
10) T n-Eicosane (C20)	12.839	8064787	58.929 ug/ml
11) T n-Heneicosane (C21)	13.449	7708826	57.682 ug/ml
13) T n-Docosane (C22)	14.034	7725313	58.107 ug/ml
14) T n-Tetracosane (C24)	15.138	15164855	114.316 ug/ml
15) T n-Hexacosane (C26)	16.157	7755935	57.937 ug/ml
16) T n-Octacosane (C28)	17.106	8669894	63.595 ug/ml
17) T n-Tricontane (C30)	17.993	8124093	55.917 ug/ml
18) T n-Dotriacontane (C32)	18.825	8179825	55.090 ug/ml
19) T n-Tetratriacontane (C34)	19.607	8376439	62.341 ug/ml
20) T n-Hexatriacontane (C36)	20.346	8319374	69.724 ug/ml
21) T n-Octatriacontane (C38)	21.070	8147581	71.586 ug/ml
22) T n-Tetracontane (C40)	21.953	7522118	67.632 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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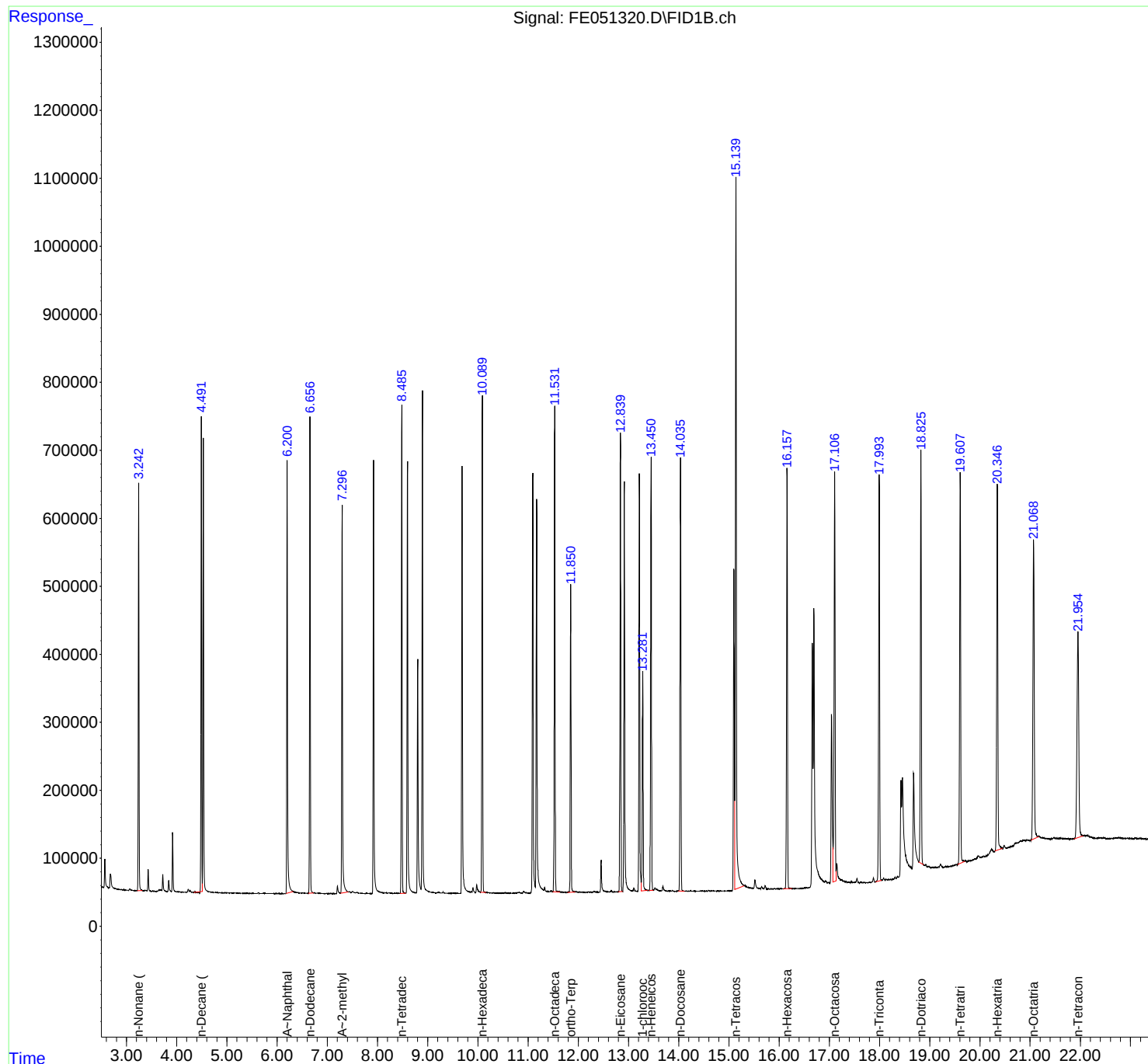
Response via : Initial Calibration

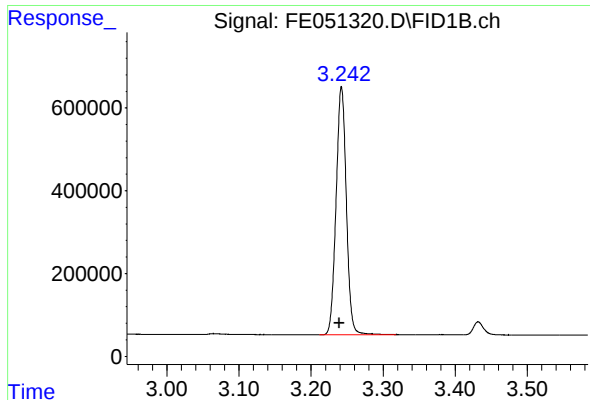
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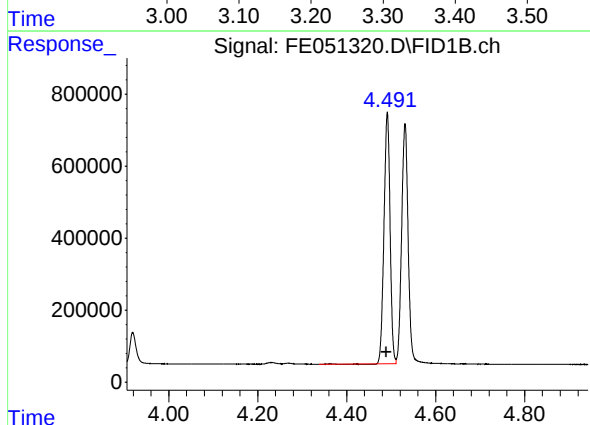
#1 n-Nonane (C9)

R.T.: 3.242 min
Delta R.T.: 0.003 min
Response: 5922597
Conc: 42.80 ug/ml

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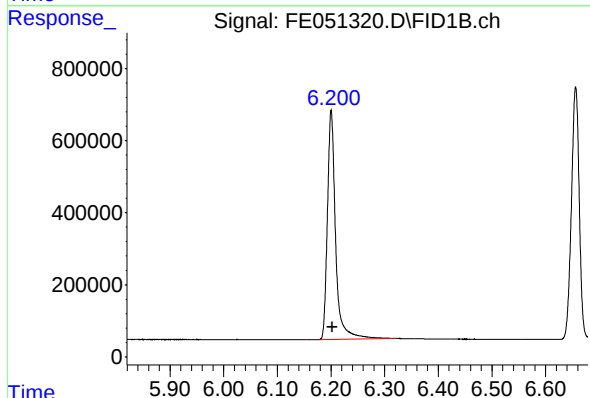
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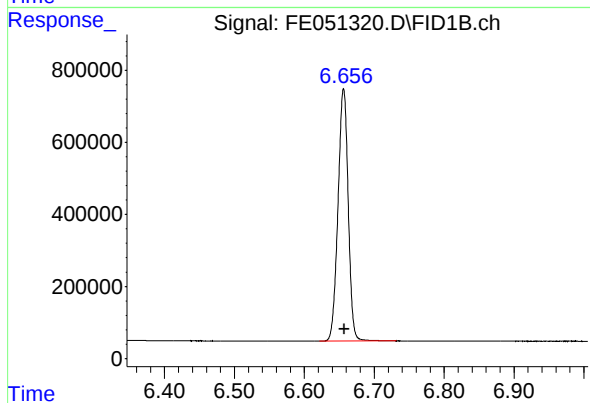
#2 n-Decane (C10)

R.T.: 4.491 min
Delta R.T.: 0.002 min
Response: 6596632
Conc: 47.06 ug/ml



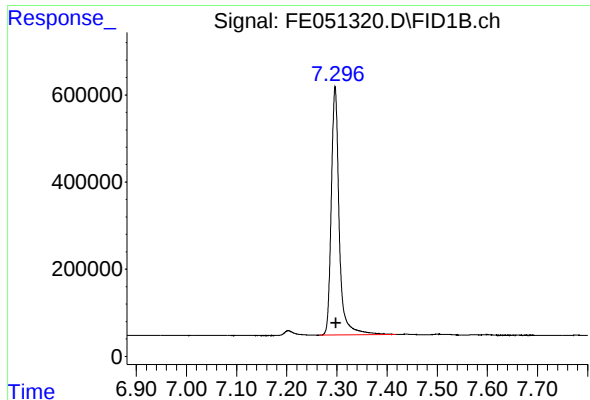
#3 A~Naphthalene (C11.7)

R.T.: 6.201 min
Delta R.T.: -0.001 min
Response: 6763645
Conc: 51.30 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.656 min
Delta R.T.: 0.000 min
Response: 7106318
Conc: 50.33 ug/ml



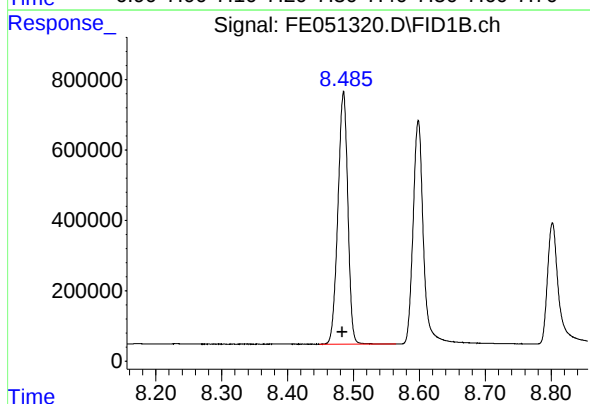
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.296 min
Delta R.T.: -0.002 min
Response: 6292532
Conc: 50.30 ug/ml

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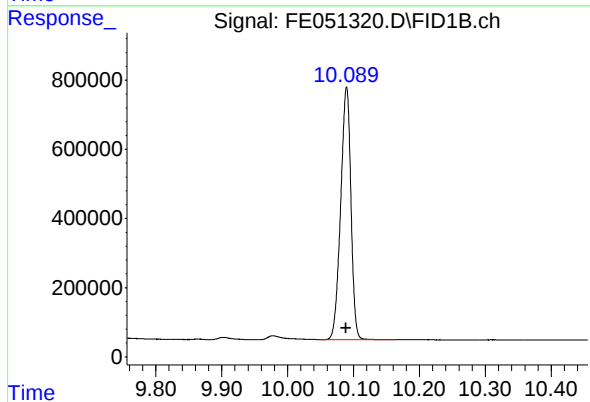
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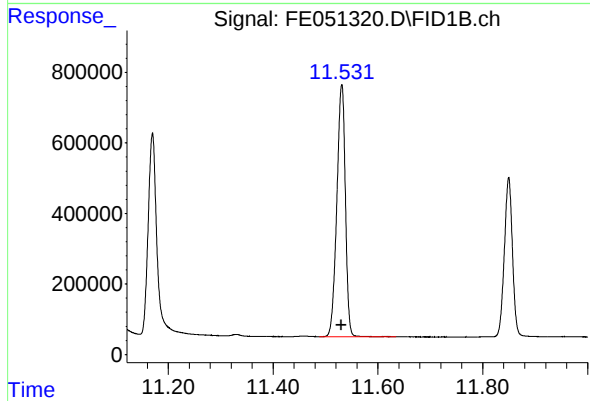
#6 n-Tetradecane (C14)

R.T.: 8.485 min
Delta R.T.: 0.001 min
Response: 7468046
Conc: 53.59 ug/ml



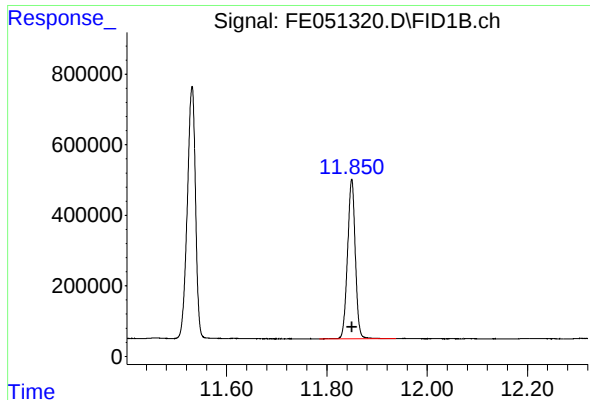
#7 n-Hexadecane (C16)

R.T.: 10.089 min
Delta R.T.: 0.000 min
Response: 7884512
Conc: 55.56 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.530 min
Delta R.T.: 0.000 min
Response: 8098814
Conc: 56.71 ug/ml



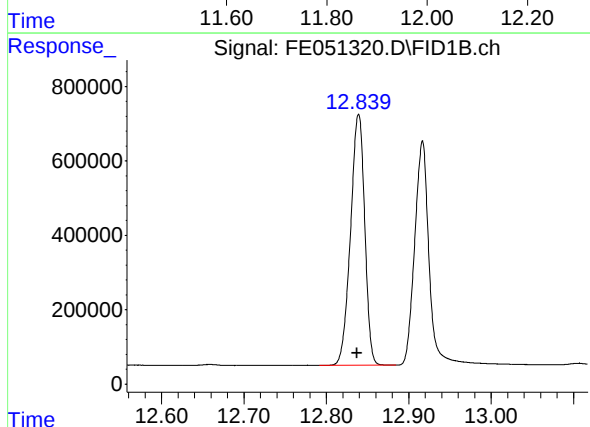
#9 ortho-Terphenyl (SURR)

R.T.: 11.849 min
Delta R.T.: -0.001 min
Response: 4866025
Conc: 32.42 ug/ml

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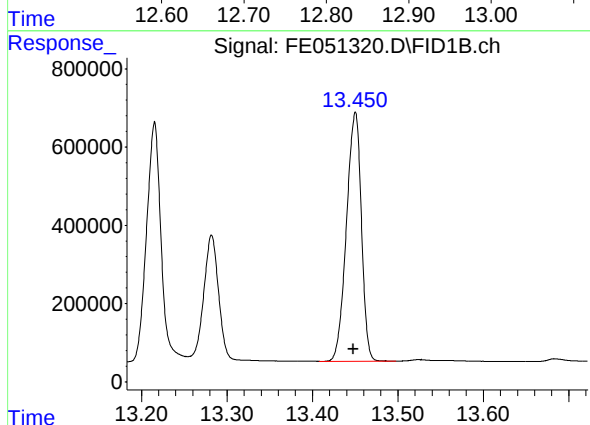
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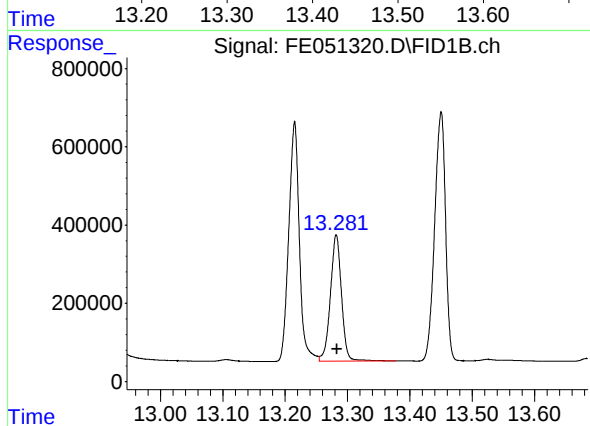
#10 n-Eicosane (C20)

R.T.: 12.839 min
Delta R.T.: 0.002 min
Response: 8064787
Conc: 58.93 ug/ml



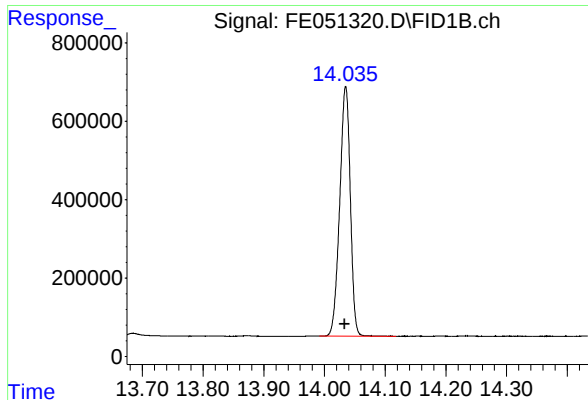
#11 n-Heneicosane (C21)

R.T.: 13.449 min
Delta R.T.: 0.001 min
Response: 7708826
Conc: 57.68 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.282 min
Delta R.T.: -0.001 min
Response: 3995658
Conc: 35.19 ug/ml



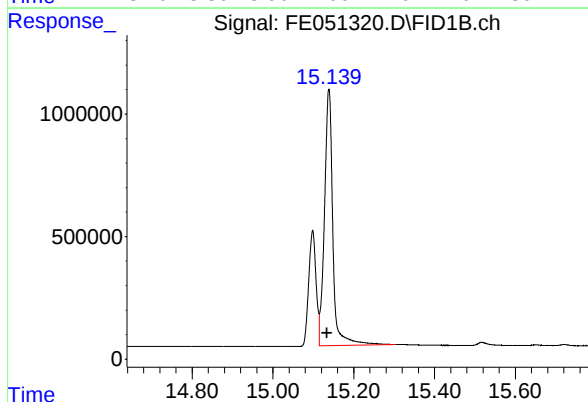
#13 n-Docosane (C22)

R.T.: 14.034 min
Delta R.T.: 0.001 min
Response: 7725313
Conc: 58.11 ug/ml

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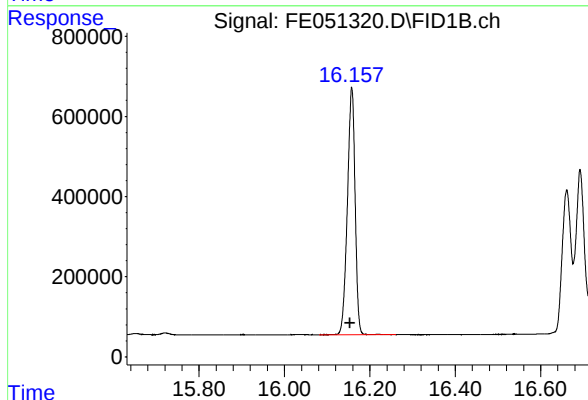
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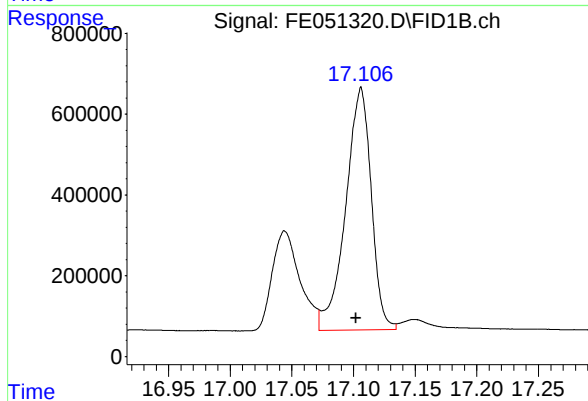
#14 n-Tetracosane (C24)

R.T.: 15.138 min
Delta R.T.: 0.004 min
Response: 15164855
Conc: 114.32 ug/ml



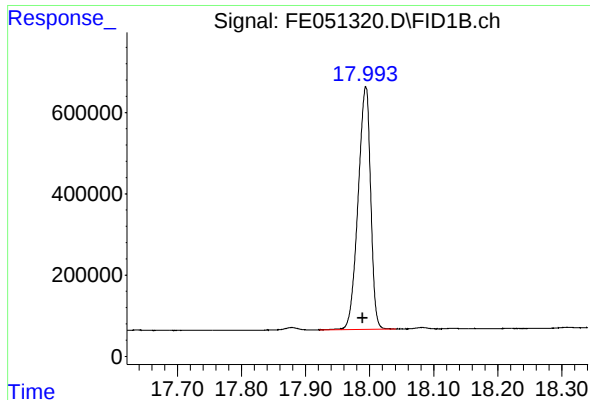
#15 n-Hexacosane (C26)

R.T.: 16.157 min
Delta R.T.: 0.003 min
Response: 7755935
Conc: 57.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.106 min
Delta R.T.: 0.004 min
Response: 8669894
Conc: 63.60 ug/ml m



#17 n-Tricontane (C30)

R.T.: 17.993 min
Delta R.T.: 0.004 min
Response: 8124093
Conc: 55.92 ug/ml

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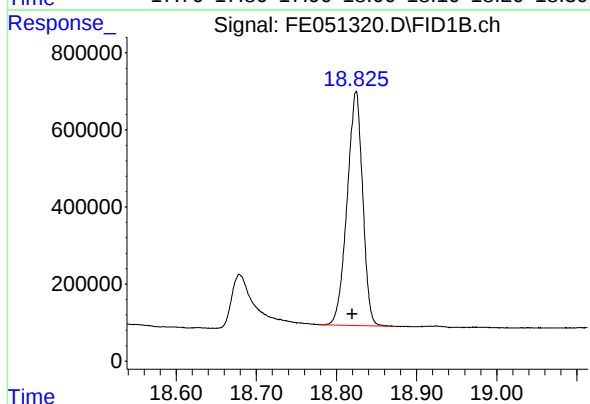
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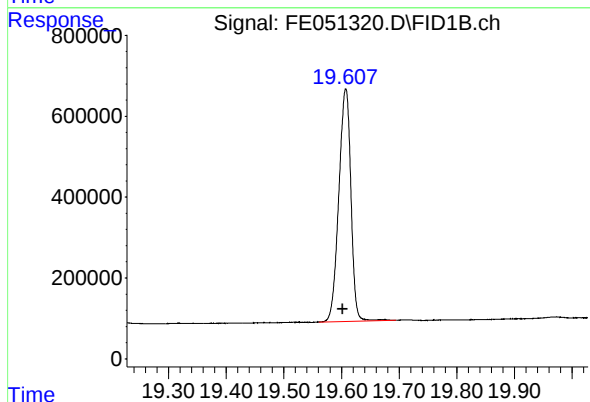
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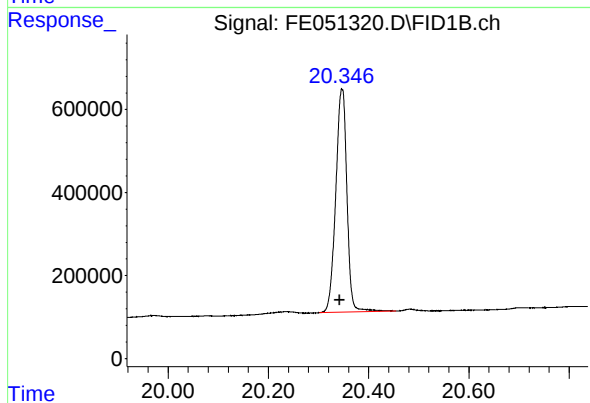
#18 n-Dotriacontane (C32)

R.T.: 18.825 min
Delta R.T.: 0.005 min
Response: 8179825
Conc: 55.09 ug/ml



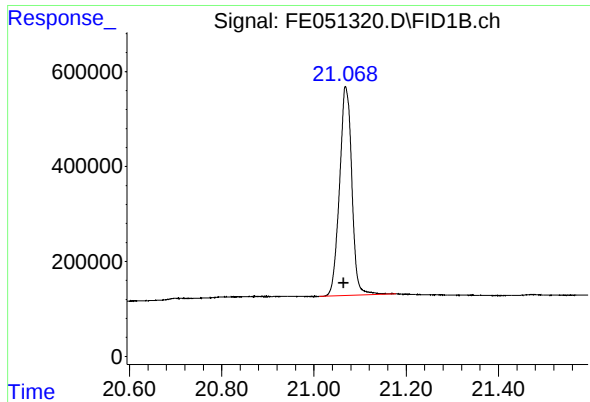
#19 n-Tetatriacontane (C34)

R.T.: 19.607 min
Delta R.T.: 0.004 min
Response: 8376439
Conc: 62.34 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.346 min
Delta R.T.: 0.005 min
Response: 8319374
Conc: 69.72 ug/ml



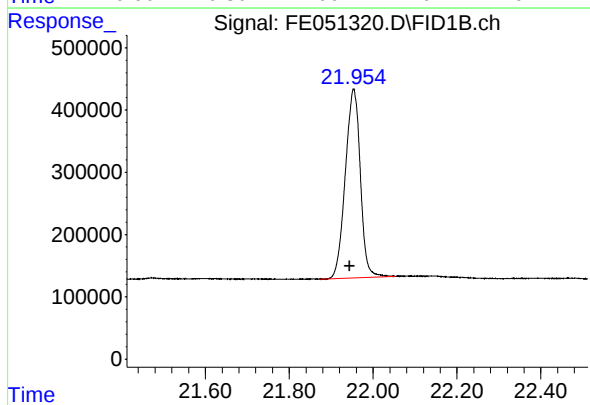
#21 n-Octatriacontane (C38)

R.T.: 21.070 min
Delta R.T.: 0.005 min
Response: 8147581
Conc: 71.59 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.953 min
Delta R.T.: 0.009 min
Response: 7522118
Conc: 67.63 ug/ml