

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031519AL\
 Data File : FC039931.D
 Signal(s) : FID1A.CH
 Acq On : 17 Mar 2019 5:38
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Sohil
 3/18/2019 4:12:22 PM

Integration File: sample.E
 Quant Time: Mar 18 08:45:06 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022219.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 25 18:21:16 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.141	3910827	23.251 ug/ml
Spiked Amount 50.000		Recovery =	46.50%
12) S 1-chlorooctadecane (S...	12.586	2819102	22.349 ug/ml
Spiked Amount 50.000		Recovery =	44.70%
Target Compounds			
1) T n-Nonane (C9)	3.011	2273225	18.940 ug/ml
2) T n-Decane (C10)	4.060	2455799	20.385 ug/ml
3) T A~Naphthalene (C11.7)	5.611	3035075	23.324 ug/ml
4) T n-Dodecane (C12)	6.058	2680833	21.699 ug/ml
5) T A~2-methylnaphthalene...	6.657	2950873	22.754 ug/ml
6) T n-Tetradecane (C14)	7.835	2799879	21.983 ug/ml
7) T n-Hexadecane (C16)	9.421	2816575	21.735 ug/ml
8) T n-Octadecane (C18)	10.851	2811459	20.899 ug/ml
10) T n-Eicosane (C20)	12.150	2835756	21.747 ug/ml
11) T n-Heneicosane (C21)	12.757	2820429	22.239 ug/ml
13) T n-Docosane (C22)	13.339	2848753	22.615 ug/ml
14) T n-Tetracosane (C24)	14.435	2887027	23.099 ug/ml
15) T n-Hexacosane (C26)	15.449	2871848	23.024 ug/ml
16) T n-Octacosane (C28)	16.393	2945750	22.040 ug/ml
17) T n-Tricontane (C30)	17.276	2962644	20.187 ug/ml
18) T n-Dotriacontane (C32)	18.104	2850911	21.222 ug/ml
19) T n-Tetratriacontane (C34)	18.881	2477455	21.781 ug/mlm
20) T n-Hexatriacontane (C36)	19.618	2206567	22.878 ug/ml
21) T n-Octatriacontane (C38)	20.314	2036800	22.183 ug/mlm
22) T n-Tetracontane (C40)	21.072	1797989	19.811 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\SJ
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ALS Vial : 2 Sample Multiplier: 1

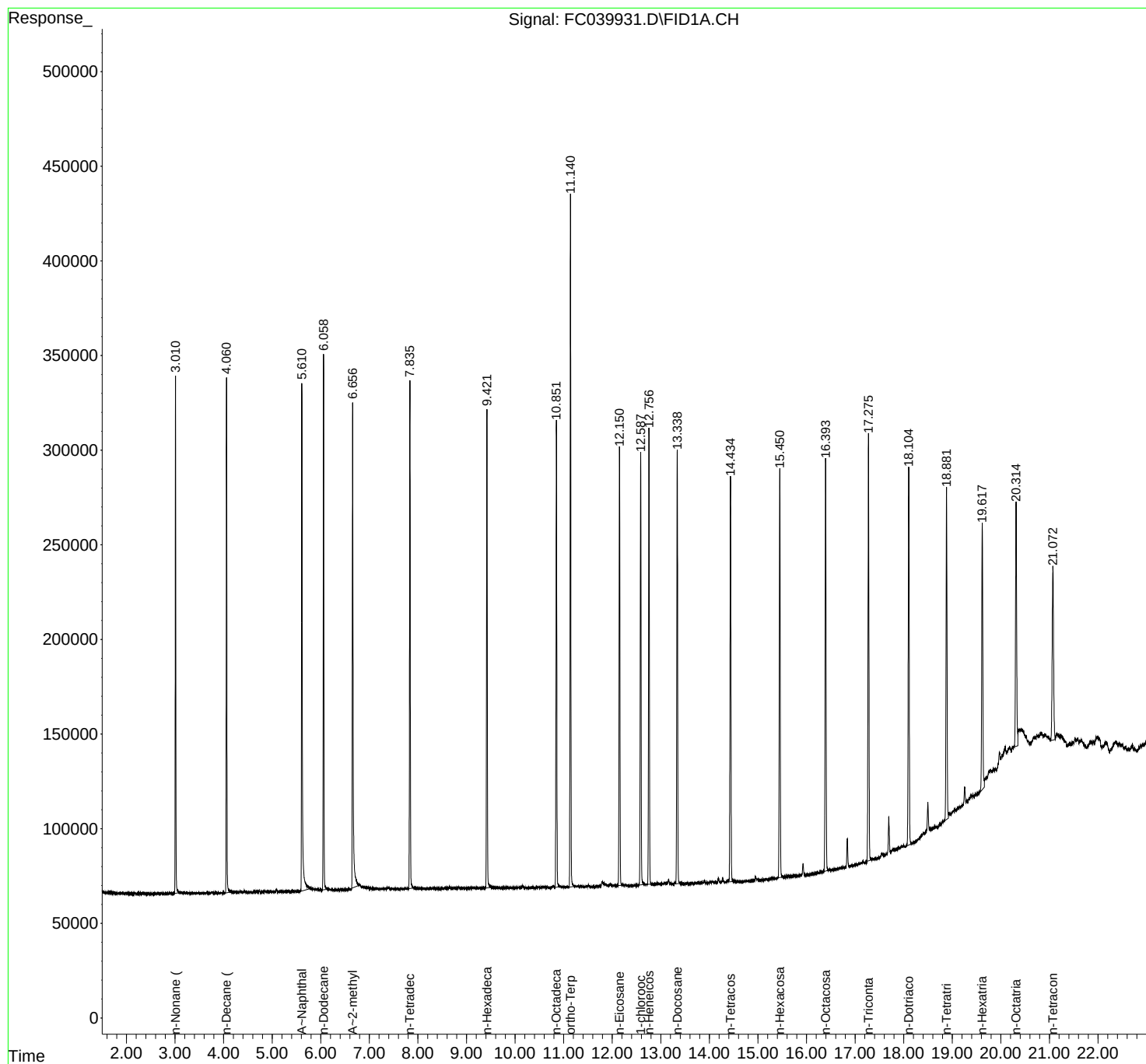
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20 PPM ALIPHATIC HC STD

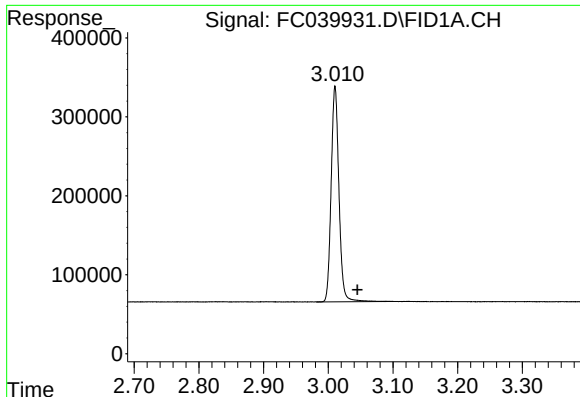
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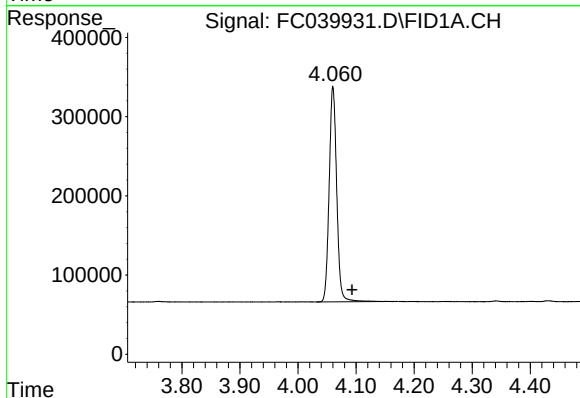
#1 n-Nonane (C9)

R.T.: 3.011 min
Delta R.T.: -0.034 min
Response: 2273225
Conc: 18.94 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

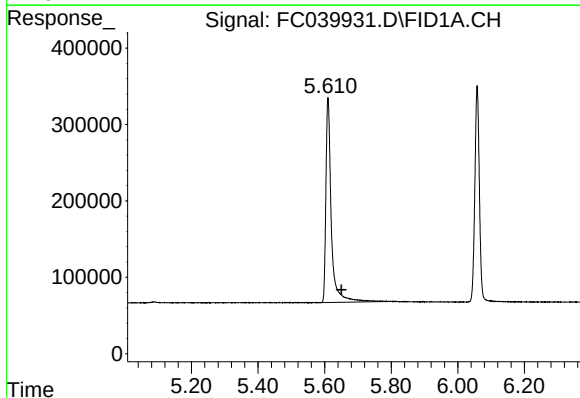
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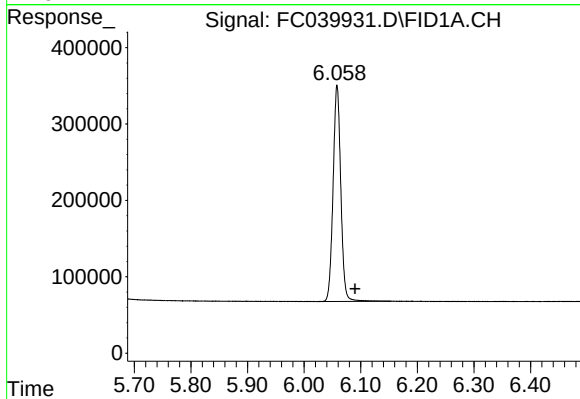
#2 n-Decane (C10)

R.T.: 4.060 min
Delta R.T.: -0.033 min
Response: 2455799
Conc: 20.38 ug/ml



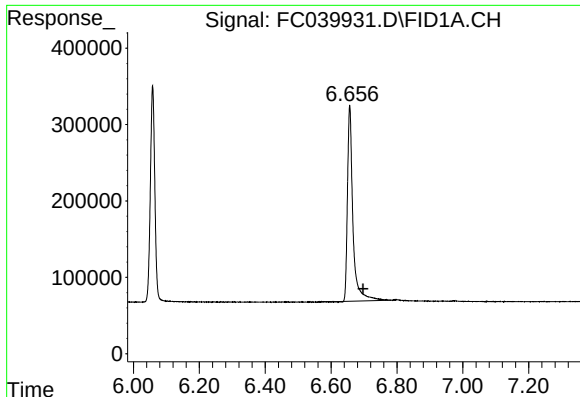
#3 A~Naphthalene (C11.7)

R.T.: 5.611 min
Delta R.T.: -0.040 min
Response: 3035075
Conc: 23.32 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.058 min
Delta R.T.: -0.032 min
Response: 2680833
Conc: 21.70 ug/ml



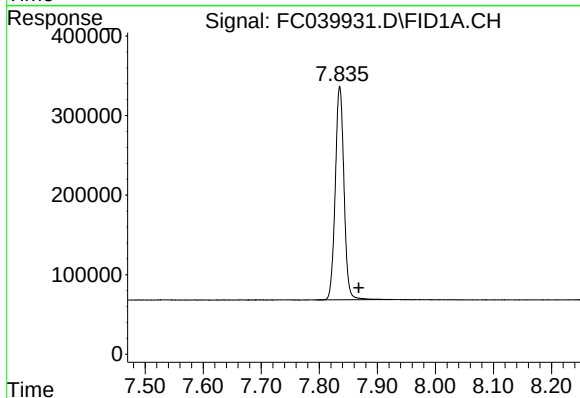
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.657 min
Delta R.T.: -0.041 min
Response: 2950873
Conc: 22.75 ug/ml

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20 PPM ALIPHATIC HC STD

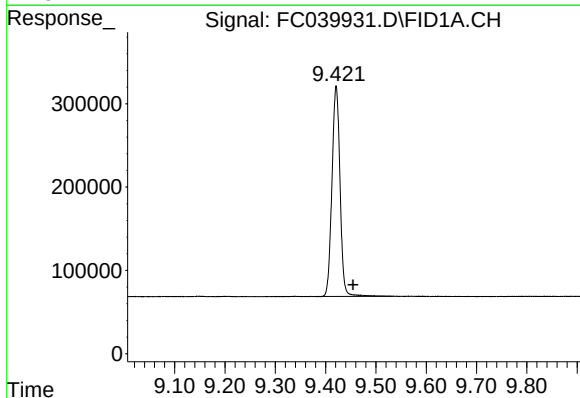
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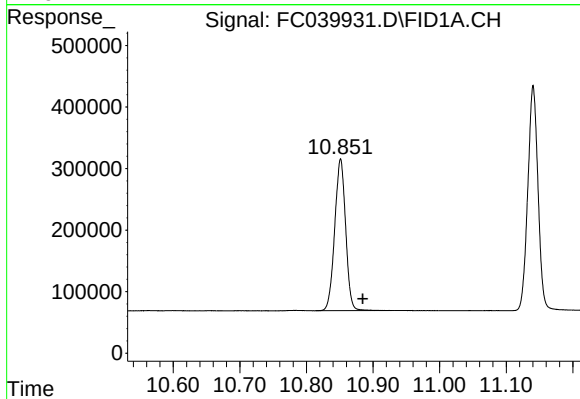
#6 n-Tetradecane (C14)

R.T.: 7.835 min
Delta R.T.: -0.033 min
Response: 2799879
Conc: 21.98 ug/ml



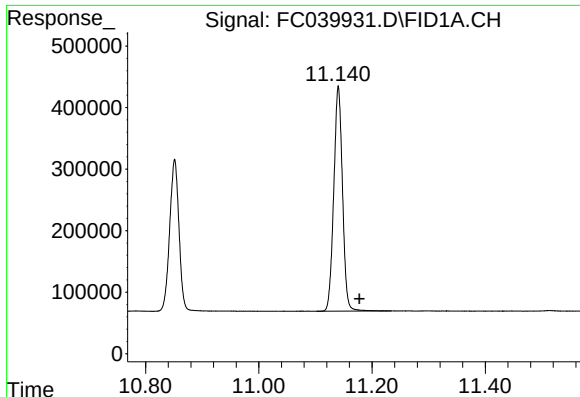
#7 n-Hexadecane (C16)

R.T.: 9.421 min
Delta R.T.: -0.034 min
Response: 2816575
Conc: 21.73 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.851 min
Delta R.T.: -0.033 min
Response: 2811459
Conc: 20.90 ug/ml



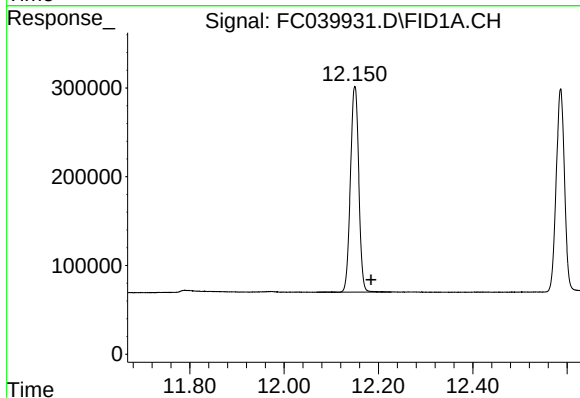
#9 ortho-Terphenyl (SURR)

R.T.: 11.141 min
Delta R.T.: -0.037 min
Response: 3910827
Conc: 23.25 ug/ml

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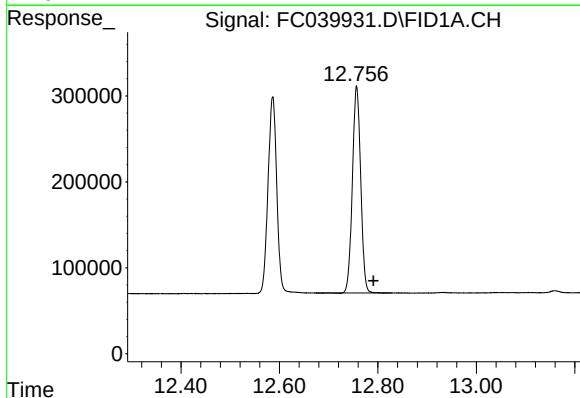
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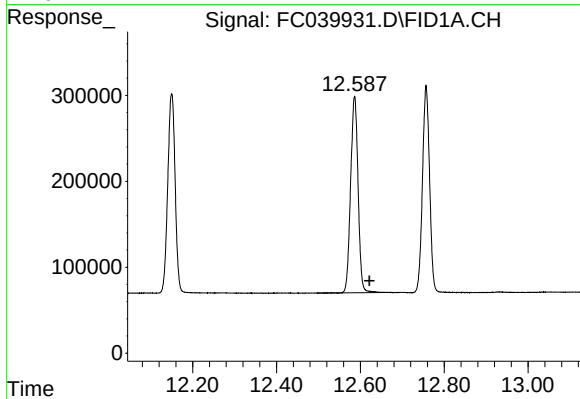
#10 n-Eicosane (C20)

R.T.: 12.150 min
Delta R.T.: -0.034 min
Response: 2835756
Conc: 21.75 ug/ml



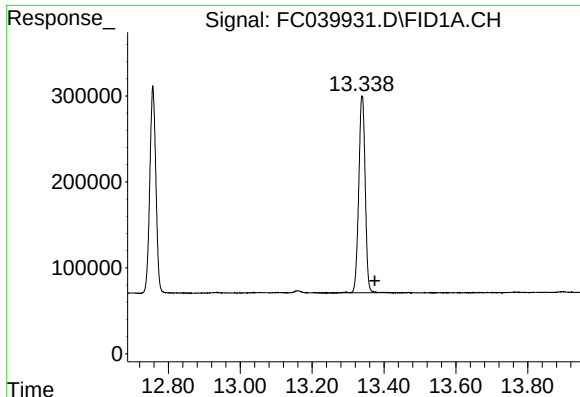
#11 n-Heneicosane (C21)

R.T.: 12.757 min
Delta R.T.: -0.034 min
Response: 2820429
Conc: 22.24 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.586 min
Delta R.T.: -0.035 min
Response: 2819102
Conc: 22.35 ug/ml



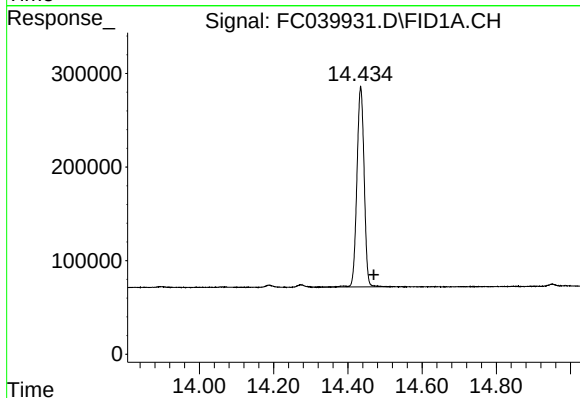
#13 n-Docosane (C22)

R.T.: 13.339 min
Delta R.T.: -0.035 min
Response: 2848753
Conc: 22.62 ug/ml

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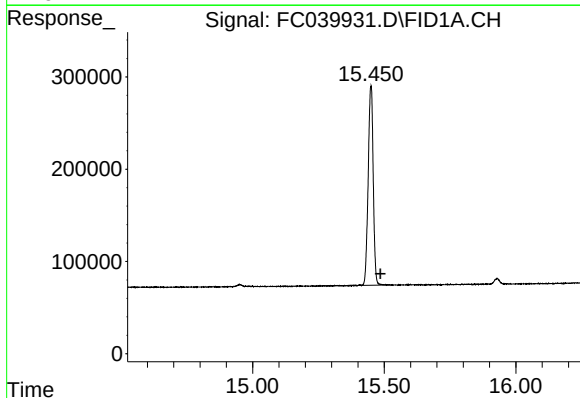
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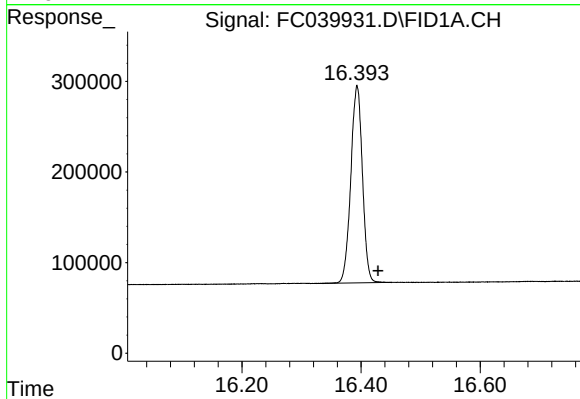
#14 n-Tetracosane (C24)

R.T.: 14.435 min
Delta R.T.: -0.035 min
Response: 2887027
Conc: 23.10 ug/ml



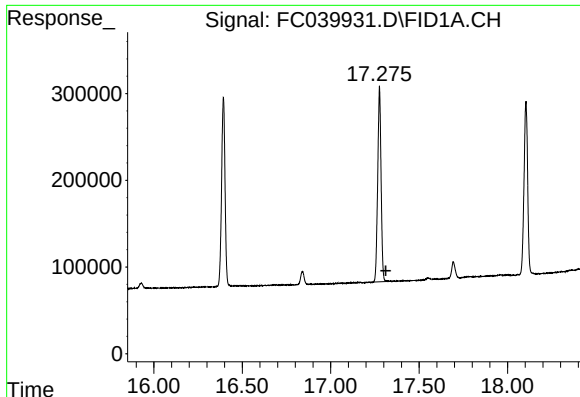
#15 n-Hexacosane (C26)

R.T.: 15.449 min
Delta R.T.: -0.036 min
Response: 2871848
Conc: 23.02 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.393 min
Delta R.T.: -0.036 min
Response: 2945750
Conc: 22.04 ug/ml



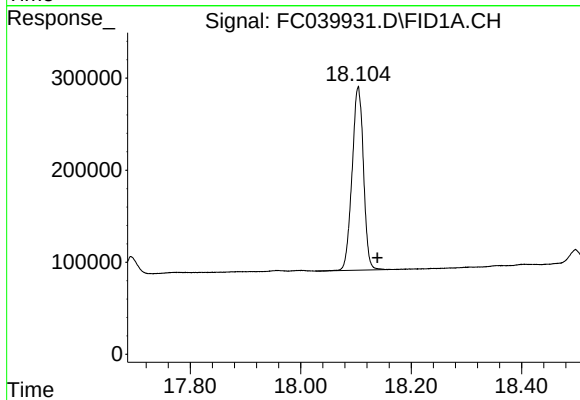
#17 n-Tricontane (C30)

R.T.: 17.276 min
Delta R.T.: -0.036 min
Response: 2962644
Conc: 20.19 ug/ml

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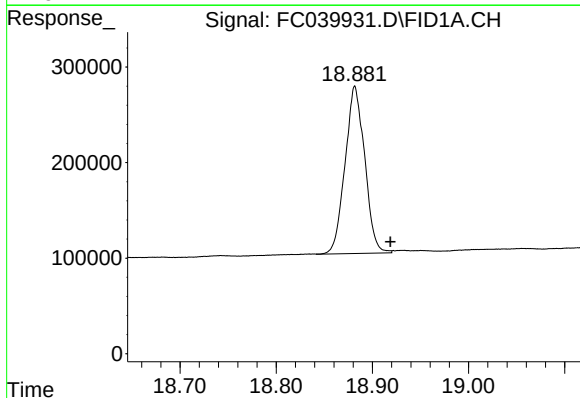
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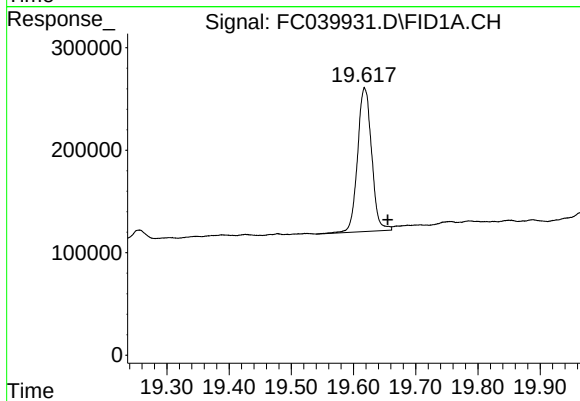
#18 n-Dotriacontane (C32)

R.T.: 18.104 min
Delta R.T.: -0.035 min
Response: 2850911
Conc: 21.22 ug/ml



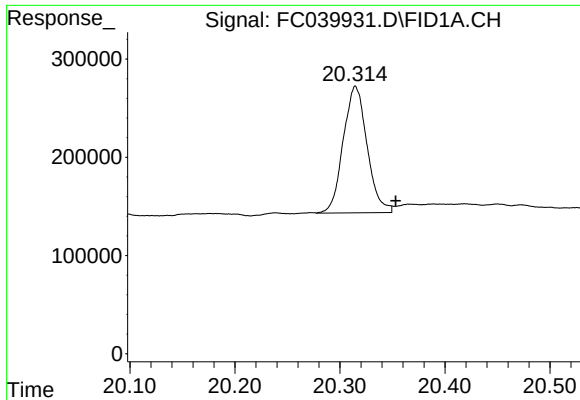
#19 n-Tetratriacontane (C34)

R.T.: 18.881 min
Delta R.T.: -0.037 min
Response: 2477455
Conc: 21.78 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.618 min
Delta R.T.: -0.037 min
Response: 2206567
Conc: 22.88 ug/ml



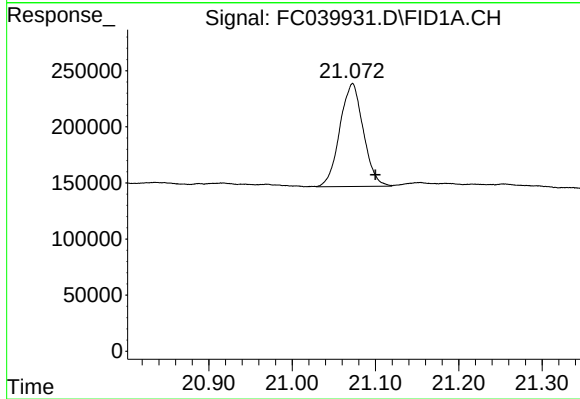
#21 n-Octatriacontane (C38)

R.T.: 20.314 min
Delta R.T.: -0.039 min
Response: 2036800
Conc: 22.18 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.072 min
Delta R.T.: -0.028 min
Response: 1797989
Conc: 19.81 ug/ml m