

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050922AL\
 Data File : FC059651.D
 Signal(s) : FID1A.CH
 Acq On : 10 May 2022 5:16
 Operator : UA/NP
 Sample : PB144681BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB144681BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/10/2022

Supervised By :mohammad ahmed 05/10/2022

Integration File: sample.E

Quant Time: May 10 07:49:20 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M

Quant Title : GC Extractables

QLast Update : Mon May 09 11:12:42 2022

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			
12) S 1-chlorooctadecane (S...	12.041	3503499	30.444 ug/ml
Spiked Amount 50.000		Recovery =	60.89%
Target Compounds			
1) T n-Nonane (C9)	2.644	2791001	21.855 ug/ml
2) T n-Decane (C10)	3.644	3505402	27.679 ug/ml
4) T n-Dodecane (C12)	5.599	4017177	30.547 ug/ml
6) T n-Tetradecane (C14)	7.352	4245728	31.553 ug/ml
7) T n-Hexadecane (C16)	8.917	4745818	34.587 ug/ml
8) T n-Octadecane (C18)	10.326	5284428	38.346 ug/ml
10) T n-Eicosane (C20)	11.606	5162541	38.384 ug/ml
11) T n-Heneicosane (C21)	12.205	5116796	38.356 ug/ml
13) T n-Docosane (C22)	12.778	5020965	38.258 ug/ml
14) T n-Tetracosane (C24)	13.856	4809806	38.227 ug/ml
15) T n-Hexacosane (C26)	14.852	4567287	38.242 ug/ml
16) T n-Octacosane (C28)	15.781	4301567	37.784 ug/ml
17) T n-Tricontane (C30)	16.648	4089204	37.200 ug/ml
18) T n-Dotriacontane (C32)	17.461	3980329	38.501 ug/ml
19) T n-Tetratriacontane (C34)	18.225	3508606	35.937 ug/mlm
20) T n-Hexatriacontane (C36)	18.946	3125559	33.668 ug/mlm
21) T n-Octatriacontane (C38)	19.629	2746396	28.851 ug/mlm
22) T n-Tetracontane (C40)	20.280	2503668	26.448 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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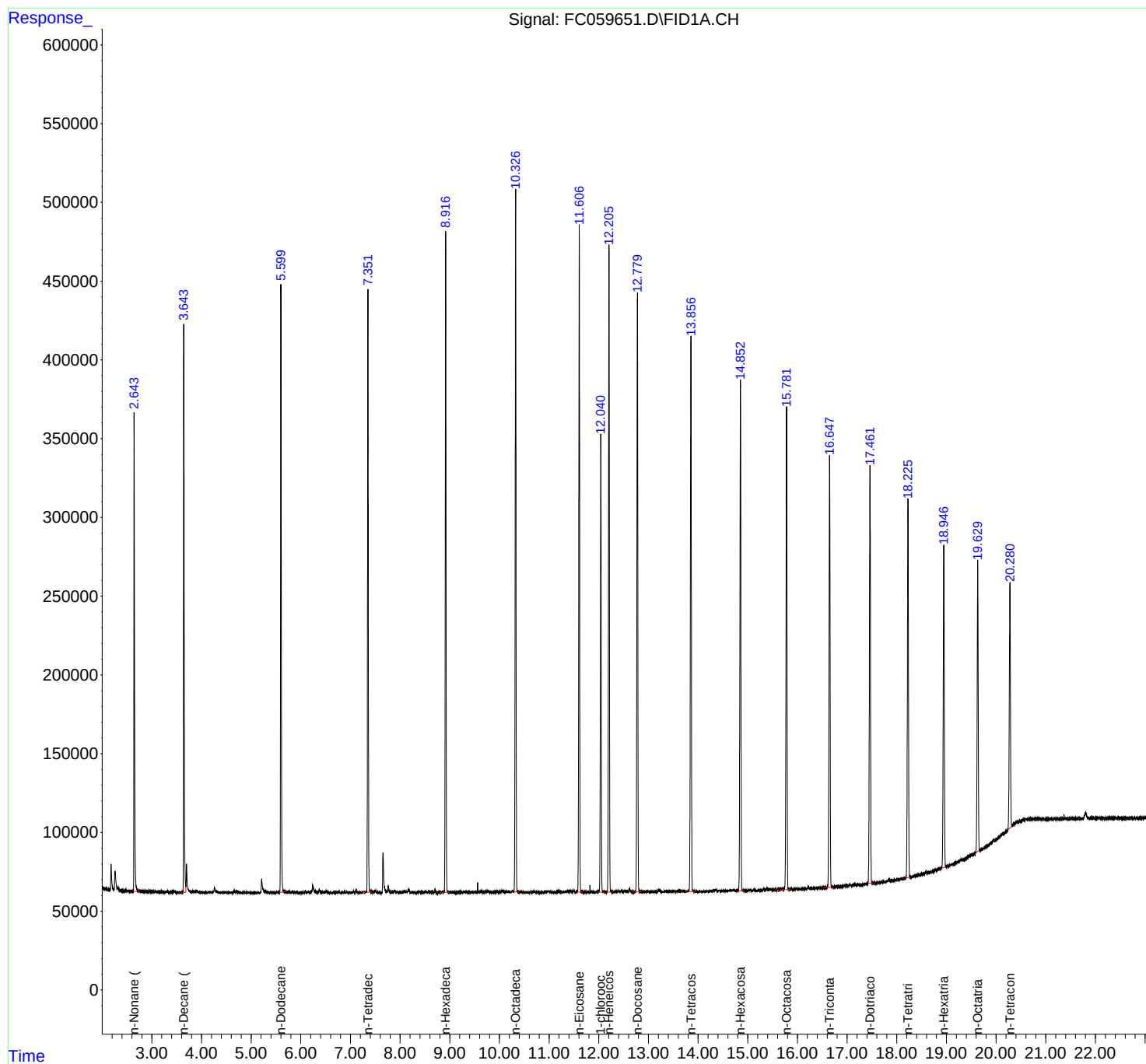
Instrument :
FID_C
ClientSampleId :
PB144681BS

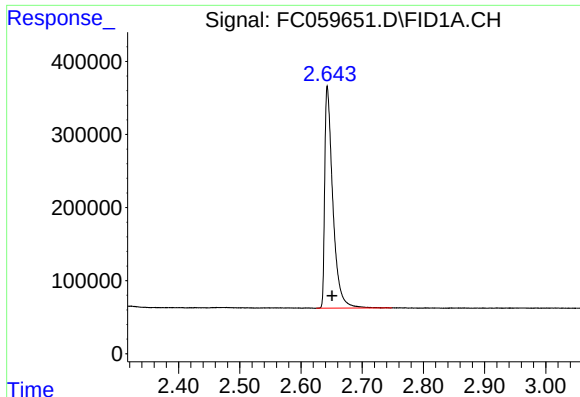
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 2.644 min
Delta R.T.: -0.007 min
Response: 2791001
Conc: 21.86 ug/ml

Instrument :

FID_C

ClientSampleId :

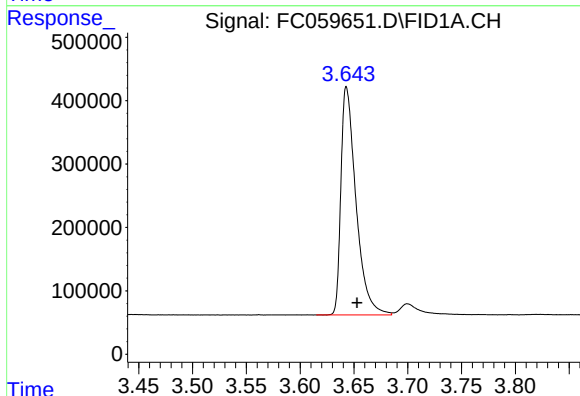
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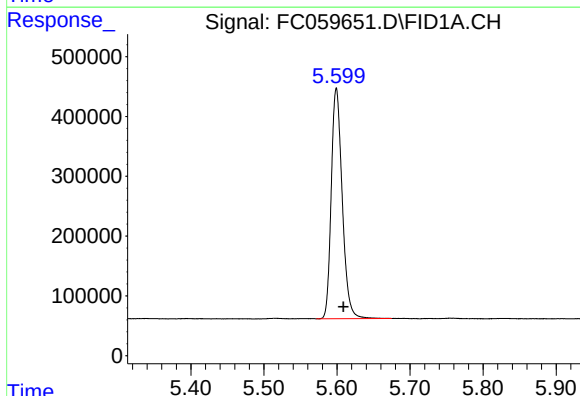
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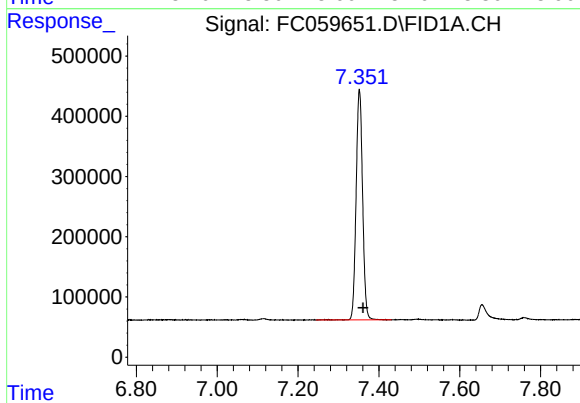
#2 n-Decane (C10)

R.T.: 3.644 min
Delta R.T.: -0.009 min
Response: 3505402
Conc: 27.68 ug/ml



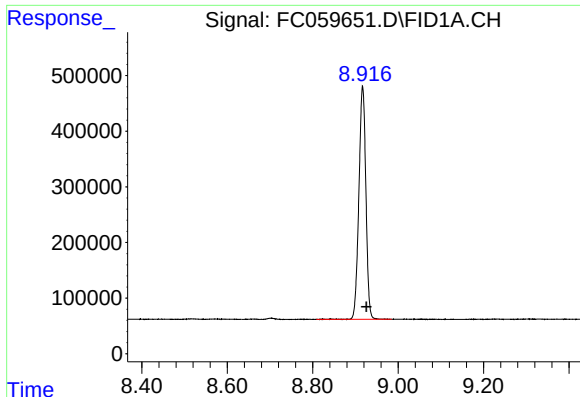
#4 n-Dodecane (C12)

R.T.: 5.599 min
Delta R.T.: -0.009 min
Response: 4017177
Conc: 30.55 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.352 min
Delta R.T.: -0.009 min
Response: 4245728
Conc: 31.55 ug/ml



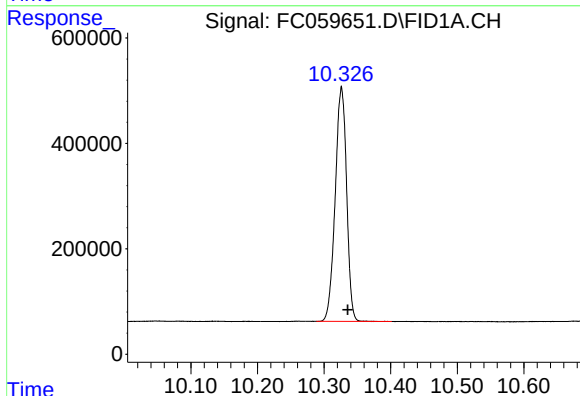
#7 n-Hexadecane (C16)

R.T.: 8.917 min
Delta R.T.: -0.009 min
Response: 4745818
Conc: 34.59 ug/ml

Instrument :
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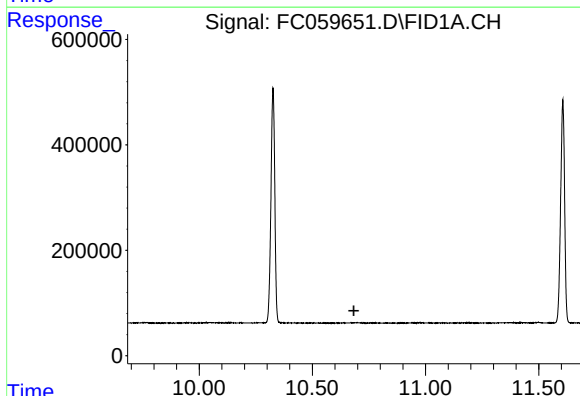
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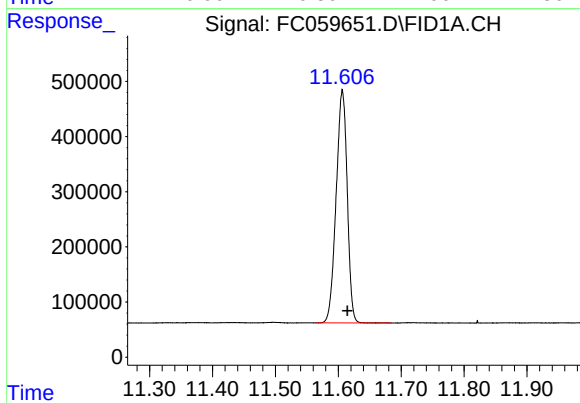
#8 n-Octadecane (C18)

R.T.: 10.326 min
Delta R.T.: -0.009 min
Response: 5284428
Conc: 38.35 ug/ml



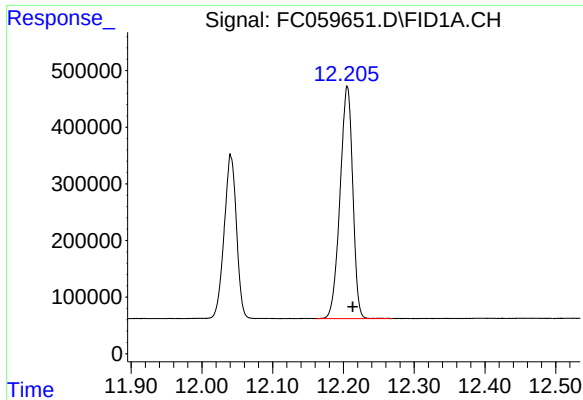
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.683 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.606 min
Delta R.T.: -0.008 min
Response: 5162541
Conc: 38.38 ug/ml



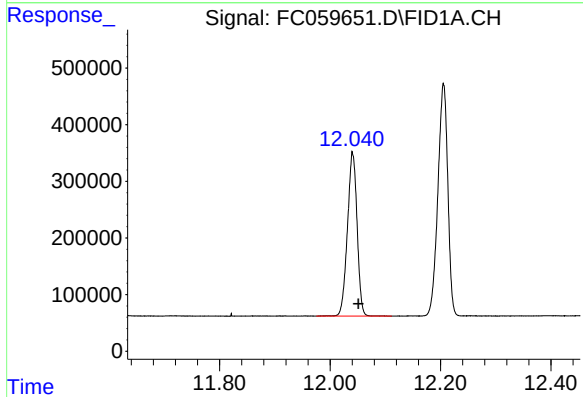
#11 n-Heneicosane (C21)

R.T.: 12.205 min
Delta R.T.: -0.008 min
Response: 5116796
Conc: 38.36 ug/ml

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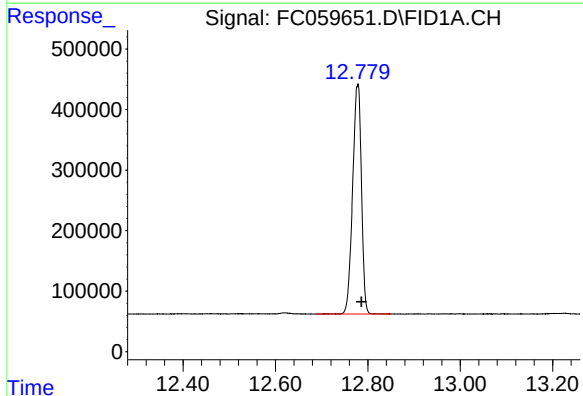
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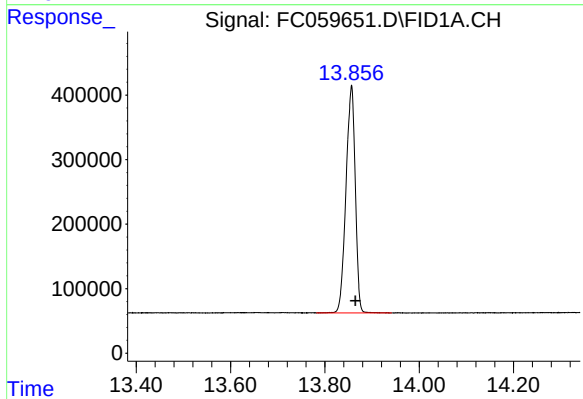
#12 1-chlorooctadecane (SURR)

R.T.: 12.041 min
Delta R.T.: -0.010 min
Response: 3503499
Conc: 30.44 ug/ml



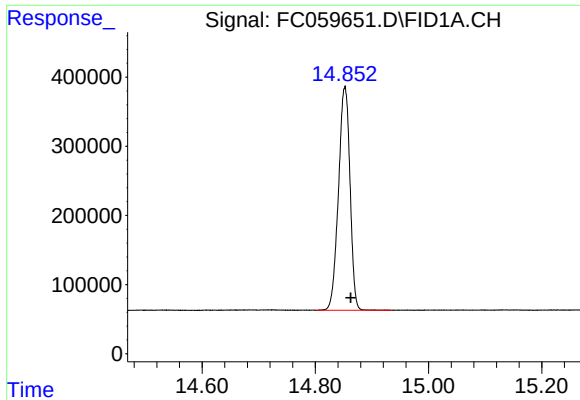
#13 n-Docosane (C22)

R.T.: 12.778 min
Delta R.T.: -0.009 min
Response: 5020965
Conc: 38.26 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.856 min
Delta R.T.: -0.009 min
Response: 4809806
Conc: 38.23 ug/ml



#15 n-Hexacosane (C26)

R.T.: 14.852 min
Delta R.T.: -0.011 min
Response: 4567287
Conc: 38.24 ug/ml

Instrument :

FID_C

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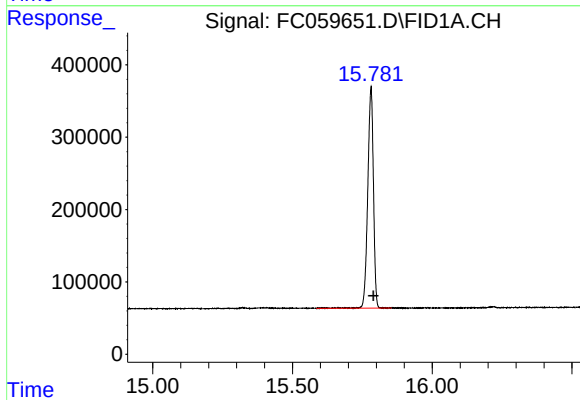
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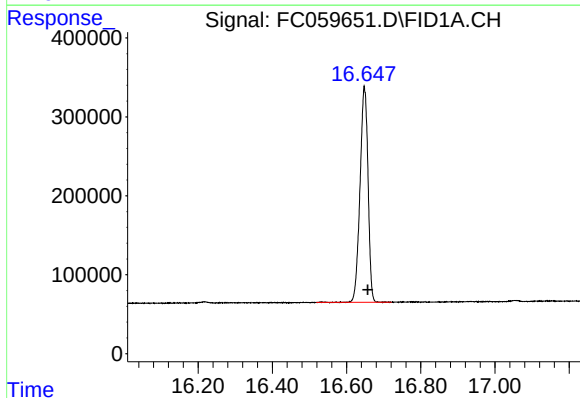
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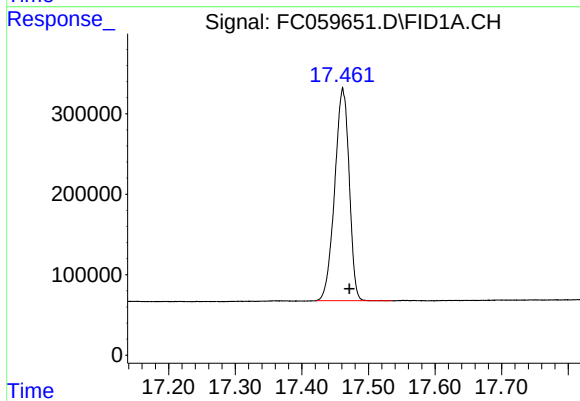
#16 n-Octacosane (C28)

R.T.: 15.781 min
Delta R.T.: -0.009 min
Response: 4301567
Conc: 37.78 ug/ml



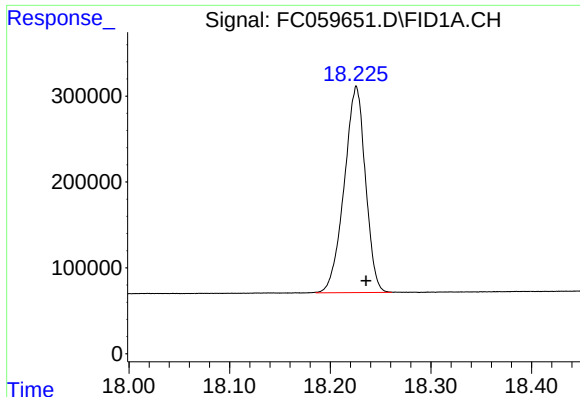
#17 n-Tricontane (C30)

R.T.: 16.648 min
Delta R.T.: -0.009 min
Response: 4089204
Conc: 37.20 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.461 min
Delta R.T.: -0.010 min
Response: 3980329
Conc: 38.50 ug/ml



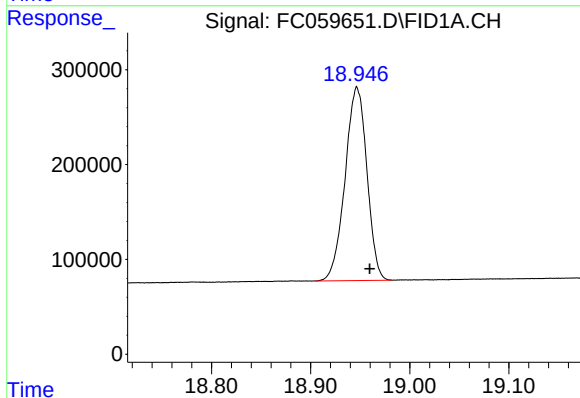
#19 n-Tetratriacontane (C34)

R.T.: 18.225 min
Delta R.T.: -0.010 min
Response: 3508606
Conc: 35.94 ug/ml

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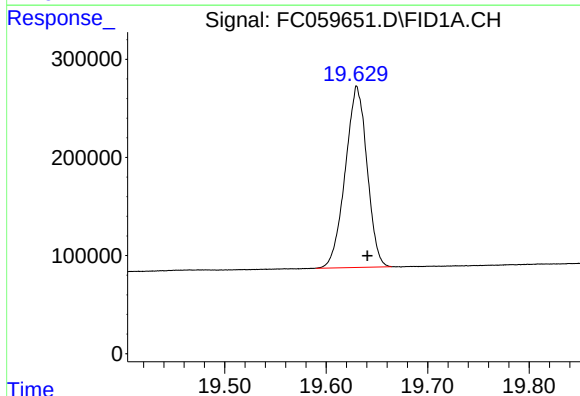
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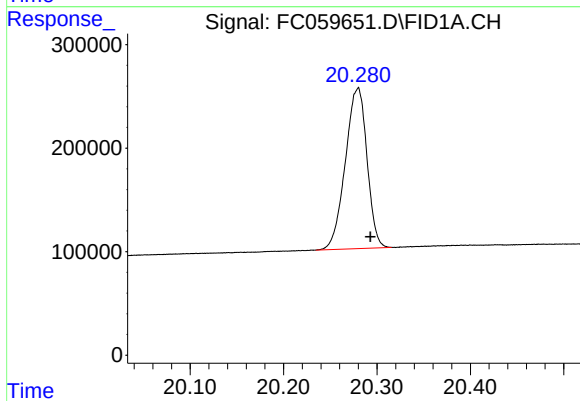
#20 n-Hexatriacontane (C36)

R.T.: 18.946 min
Delta R.T.: -0.014 min
Response: 3125559
Conc: 33.67 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.629 min
Delta R.T.: -0.011 min
Response: 2746396
Conc: 28.85 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.280 min
Delta R.T.: -0.013 min
Response: 2503668
Conc: 26.45 ug/ml m