

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050922AL\
 Data File : FC059652.D
 Signal(s) : FID1A.CH
 Acq On : 10 May 2022 5:52
 Operator : UA/NP
 Sample : PB144681BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB144681BSD

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 07:49:32 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...	12.040	3461207	30.076 ug/ml
Spiked Amount 50.000		Recovery =	60.15%
Target Compounds			
1) T n-Nonane (C9)	2.644	2778107	21.755 ug/ml
2) T n-Decane (C10)	3.644	3482823	27.500 ug/ml
4) T n-Dodecane (C12)	5.599	4004325	30.449 ug/ml
6) T n-Tetradecane (C14)	7.352	4218869	31.353 ug/ml
7) T n-Hexadecane (C16)	8.917	4713594	34.352 ug/ml
8) T n-Octadecane (C18)	10.326	5278705	38.305 ug/ml
10) T n-Eicosane (C20)	11.606	5122689	38.088 ug/ml
11) T n-Heneicosane (C21)	12.204	5075199	38.044 ug/ml
13) T n-Docosane (C22)	12.776	4973897	37.899 ug/ml
14) T n-Tetracosane (C24)	13.854	4755567	37.796 ug/ml
15) T n-Hexacosane (C26)	14.852	4521344	37.858 ug/ml
16) T n-Octacosane (C28)	15.780	4234065	37.191 ug/ml
17) T n-Tricontane (C30)	16.647	4077413	37.093 ug/ml
18) T n-Dotriacontane (C32)	17.461	3965811	38.361 ug/ml
19) T n-Tetratriacontane (C34)	18.226	3493948	35.787 ug/mlm
20) T n-Hexatriacontane (C36)	18.947	3104708	33.444 ug/mlm
21) T n-Octatriacontane (C38)	19.632	2749489	28.883 ug/mlm
22) T n-Tetracontane (C40)	20.280	2487364	26.276 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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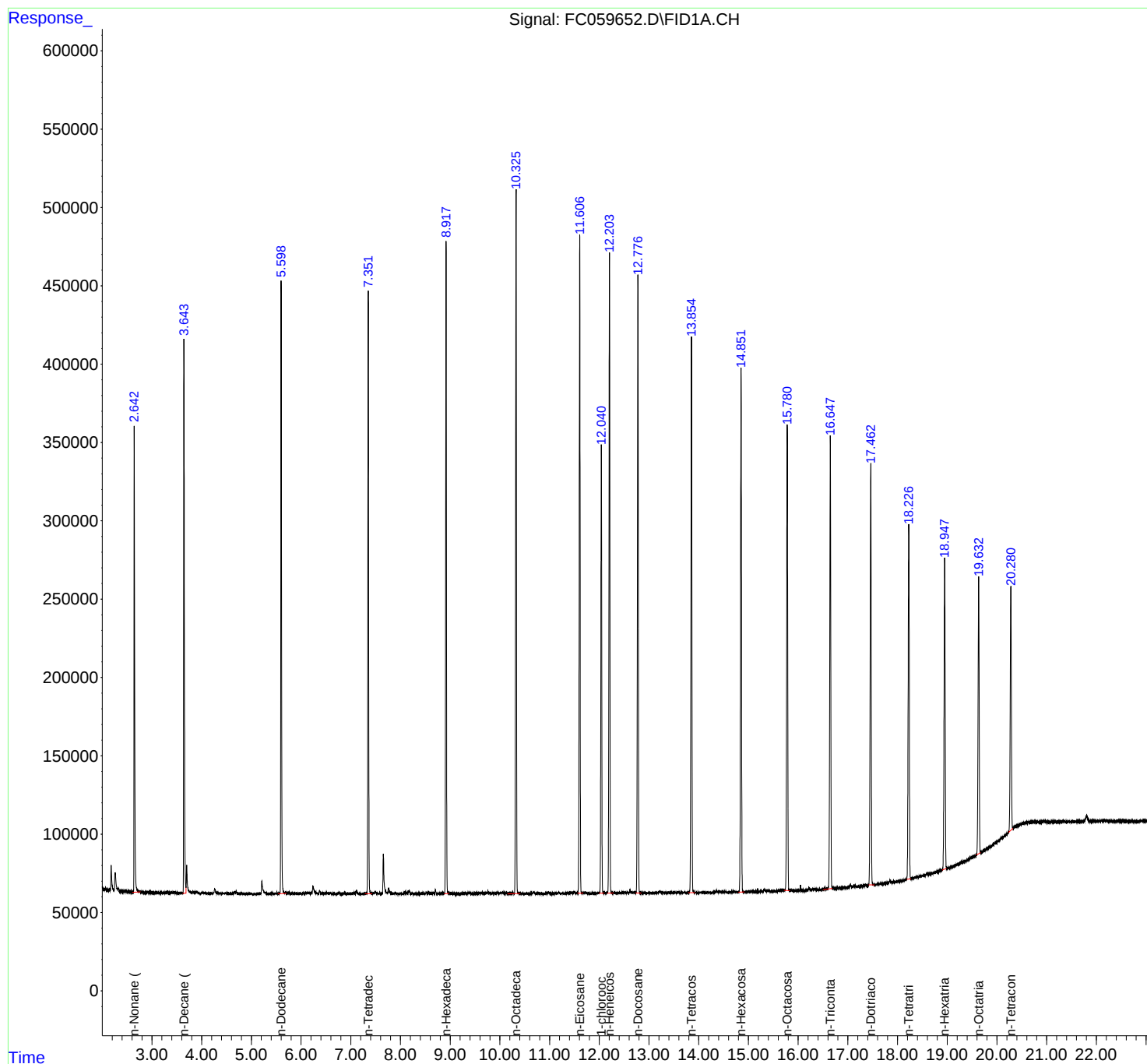
Instrument :
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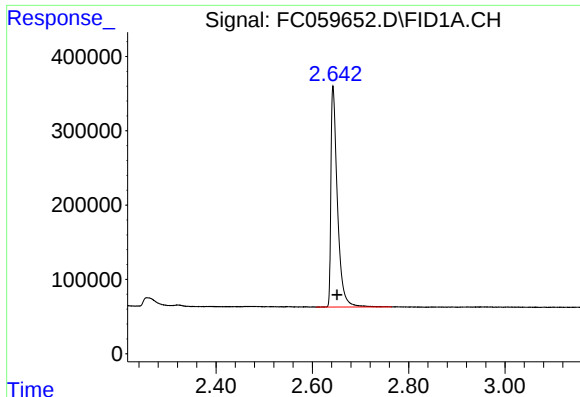
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 2.644 min
Delta R.T.: -0.007 min
Response: 2778107
Conc: 21.75 ug/ml

Instrument :

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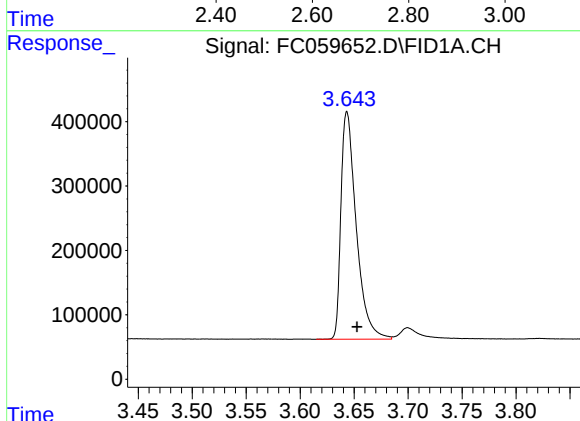
PB144681BSD

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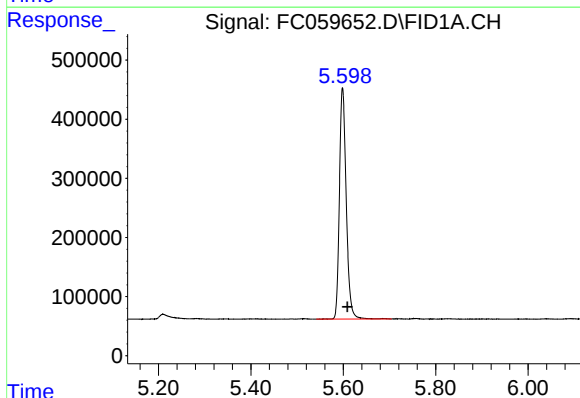
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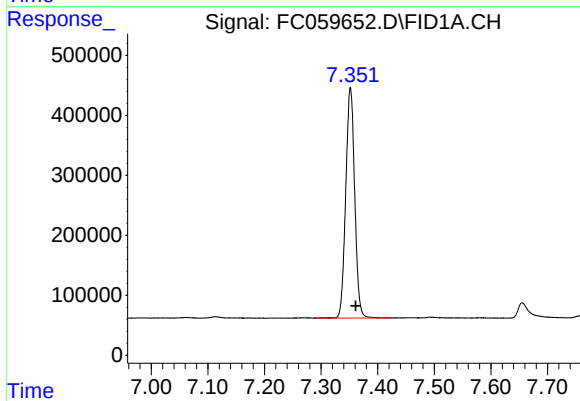
#2 n-Decane (C10)

R.T.: 3.644 min
Delta R.T.: -0.009 min
Response: 3482823
Conc: 27.50 ug/ml



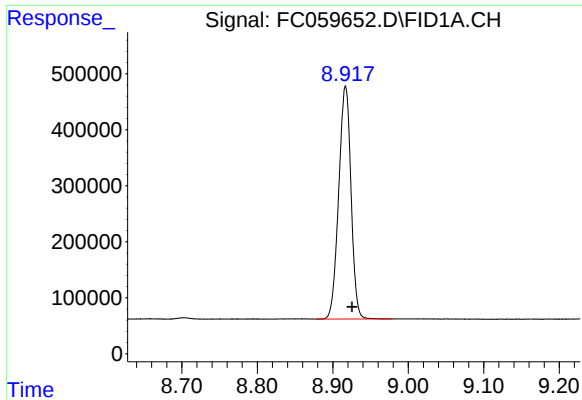
#4 n-Dodecane (C12)

R.T.: 5.599 min
Delta R.T.: -0.010 min
Response: 4004325
Conc: 30.45 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.352 min
Delta R.T.: -0.009 min
Response: 4218869
Conc: 31.35 ug/ml



#7 n-Hexadecane (C16)

R.T.: 8.917 min
Delta R.T.: -0.009 min
Response: 4713594
Conc: 34.35 ug/ml

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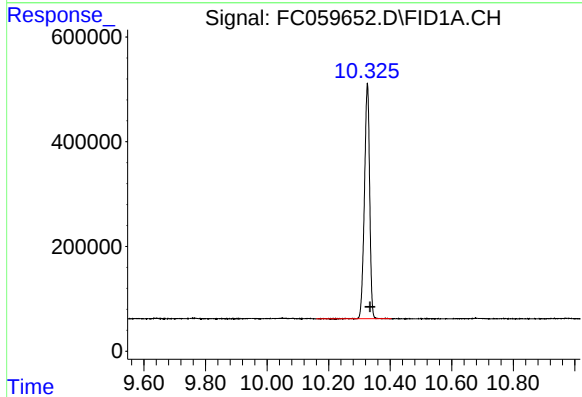
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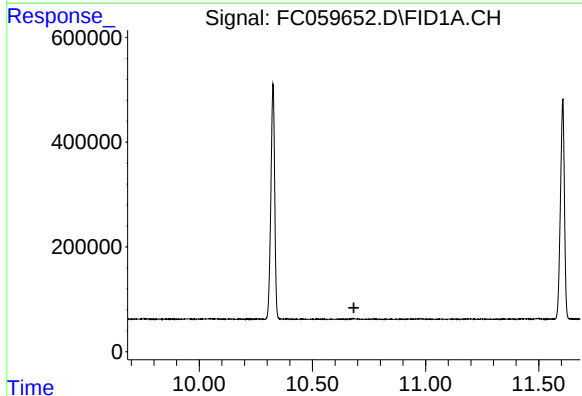
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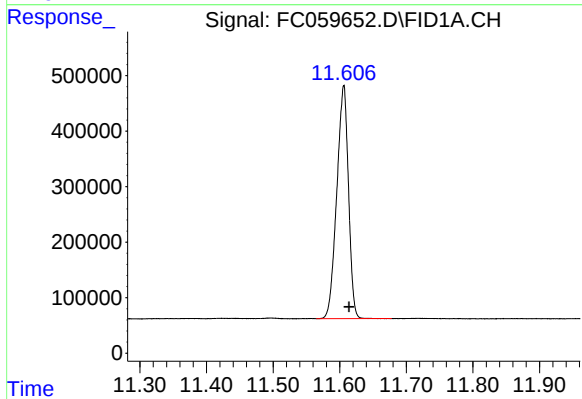
#8 n-Octadecane (C18)

R.T.: 10.326 min
Delta R.T.: -0.010 min
Response: 5278705
Conc: 38.30 ug/ml



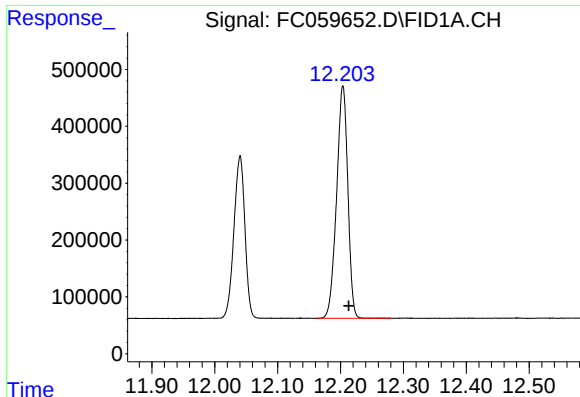
#9 ortho-Terphenyl (SURR)

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.: -0.009 min
Response: 5122689
Conc: 38.09 ug/ml



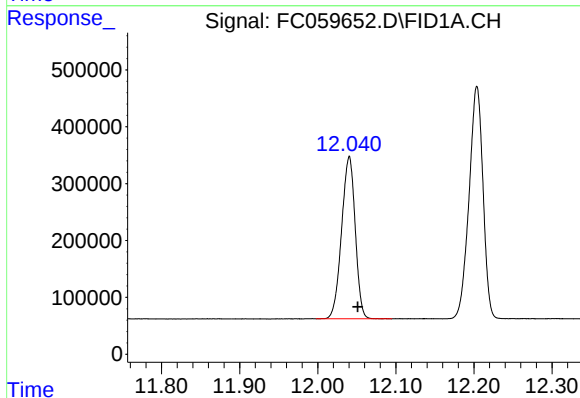
#11 n-Heneicosane (C21)

R.T.: 12.204 min
Delta R.T.: -0.009 min
Response: 5075199
Conc: 38.04 ug/ml

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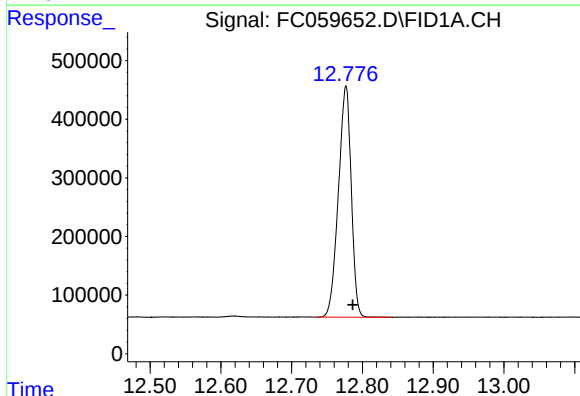
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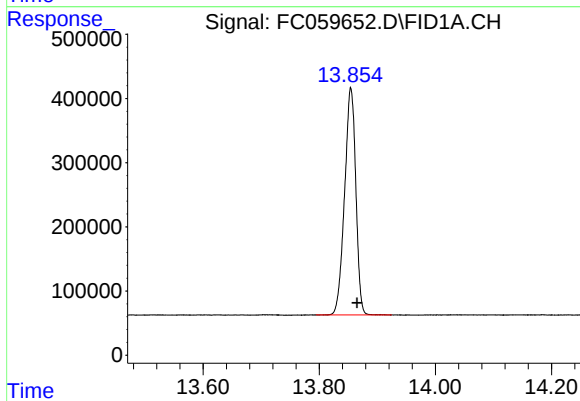
#12 1-chlorooctadecane (SURR)

R.T.: 12.040 min
Delta R.T.: -0.011 min
Response: 3461207
Conc: 30.08 ug/ml



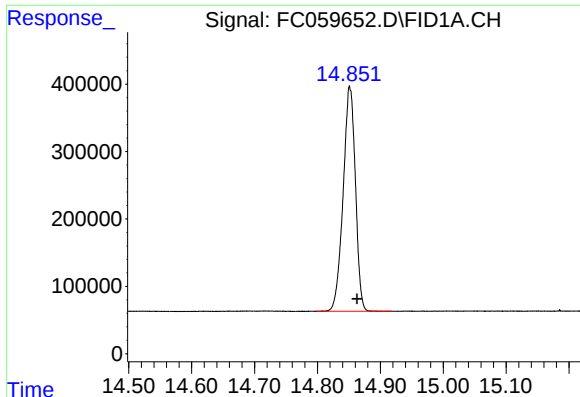
#13 n-Docosane (C22)

R.T.: 12.776 min
Delta R.T.: -0.010 min
Response: 4973897
Conc: 37.90 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.854 min
Delta R.T.: -0.010 min
Response: 4755567
Conc: 37.80 ug/ml



#15 n-Hexacosane (C26)

R.T.: 14.852 min
Delta R.T.: -0.011 min
Response: 4521344
Conc: 37.86 ug/ml

Instrument :

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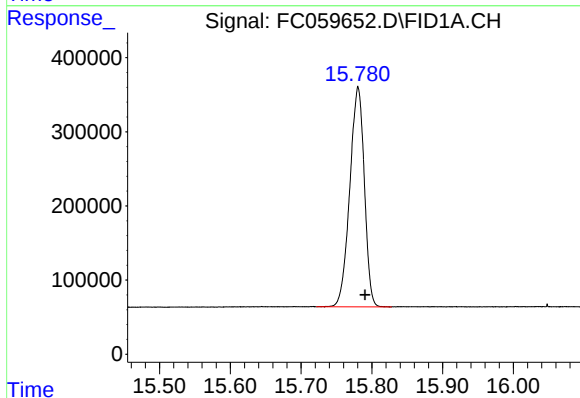
ClientSampleId :

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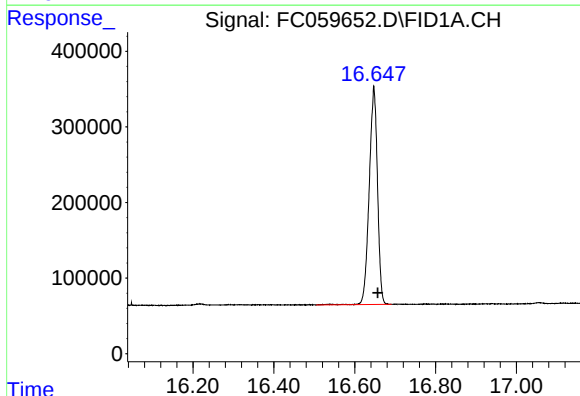
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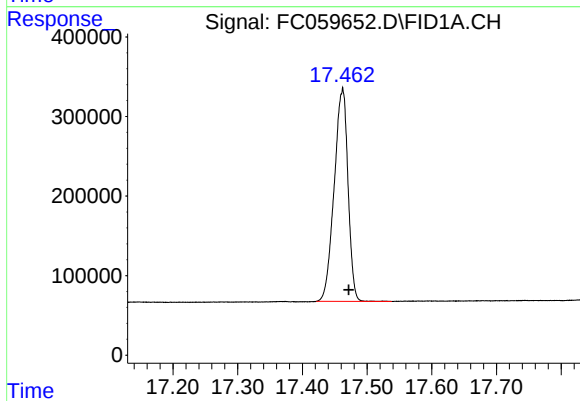
#16 n-Octacosane (C28)

R.T.: 15.780 min
Delta R.T.: -0.010 min
Response: 4234065
Conc: 37.19 ug/ml



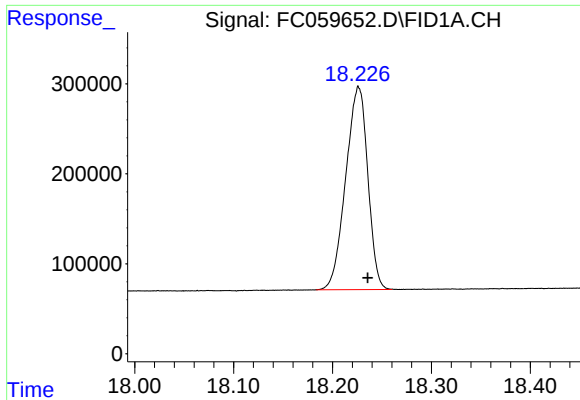
#17 n-Tricontane (C30)

R.T.: 16.647 min
Delta R.T.: -0.010 min
Response: 4077413
Conc: 37.09 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.461 min
Delta R.T.: -0.010 min
Response: 3965811
Conc: 38.36 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 18.226 min
Delta R.T.: -0.010 min
Response: 3493948
Conc: 35.79 ug/ml

Instrument :

FID_C

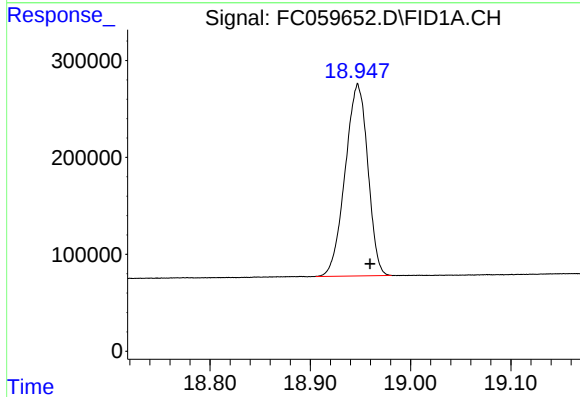
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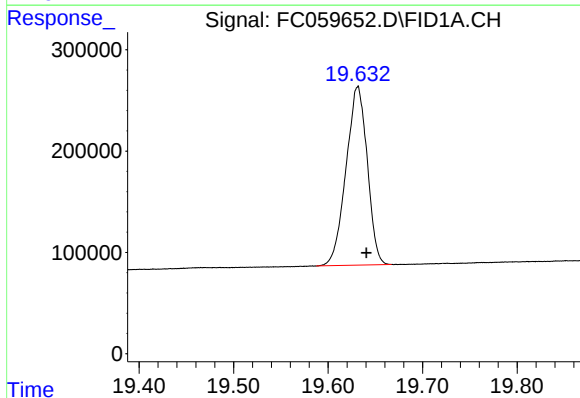
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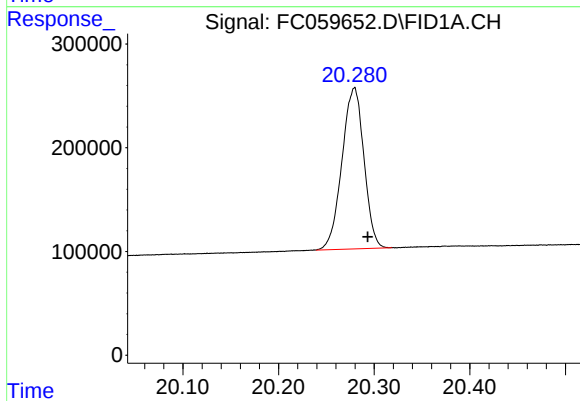
#20 n-Hexatriacontane (C36)

R.T.: 18.947 min
Delta R.T.: -0.013 min
Response: 3104708
Conc: 33.44 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.632 min
Delta R.T.: -0.009 min
Response: 2749489
Conc: 28.88 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.280 min
Delta R.T.: -0.013 min
Response: 2487364
Conc: 26.28 ug/ml m