

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012622AL\
 Data File : FC058142.D
 Signal(s) : FID1A.CH
 Acq On : 27 Jan 2022 1:38
 Operator : AJ\MA
 Sample : PB142297BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/27/2022
 Supervised By :mohammad ahmed 01/27/2022

Integration File: autoint1.e
 Quant Time: Jan 27 02:37:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 12:13:43 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...	12.132	4306635	29.220 ug/ml
Spiked Amount 50.000		Recovery =	58.44%
Target Compounds			
1) T n-Nonane (C9)	2.626	4406302	27.555 ug/ml
2) T n-Decane (C10)	3.615	5460489	33.973 ug/ml
4) T n-Dodecane (C12)	5.586	6188766	38.373 ug/ml
6) T n-Tetradecane (C14)	7.367	6541361	39.622 ug/ml
7) T n-Hexadecane (C16)	8.958	7146359	42.782 ug/ml
8) T n-Octadecane (C18)	10.392	7491180	43.531 ug/ml
10) T n-Eicosane (C20)	11.695	7327096	42.800 ug/ml
11) T n-Heneicosane (C21)	12.303	7210468	41.698 ug/ml
13) T n-Docosane (C22)	12.887	7066045	40.843 ug/ml
14) T n-Tetracosane (C24)	13.985	6875686	39.719 ug/ml
15) T n-Hexacosane (C26)	15.002	6636379	39.434 ug/ml
16) T n-Octacosane (C28)	15.947	6500970	39.726 ug/ml
17) T n-Tricontane (C30)	16.831	6441348	41.258 ug/ml
18) T n-Dotriacontane (C32)	17.662	6214741	44.574 ug/ml
19) T n-Tetratriacontane (C34)	18.442	5734615	46.139 ug/ml
20) T n-Hexatriacontane (C36)	19.179	4973409	44.733 ug/mlm
21) T n-Octatriacontane (C38)	19.882	4607517	44.169 ug/mlm
22) T n-Tetracontane (C40)	20.704	4630301	48.357 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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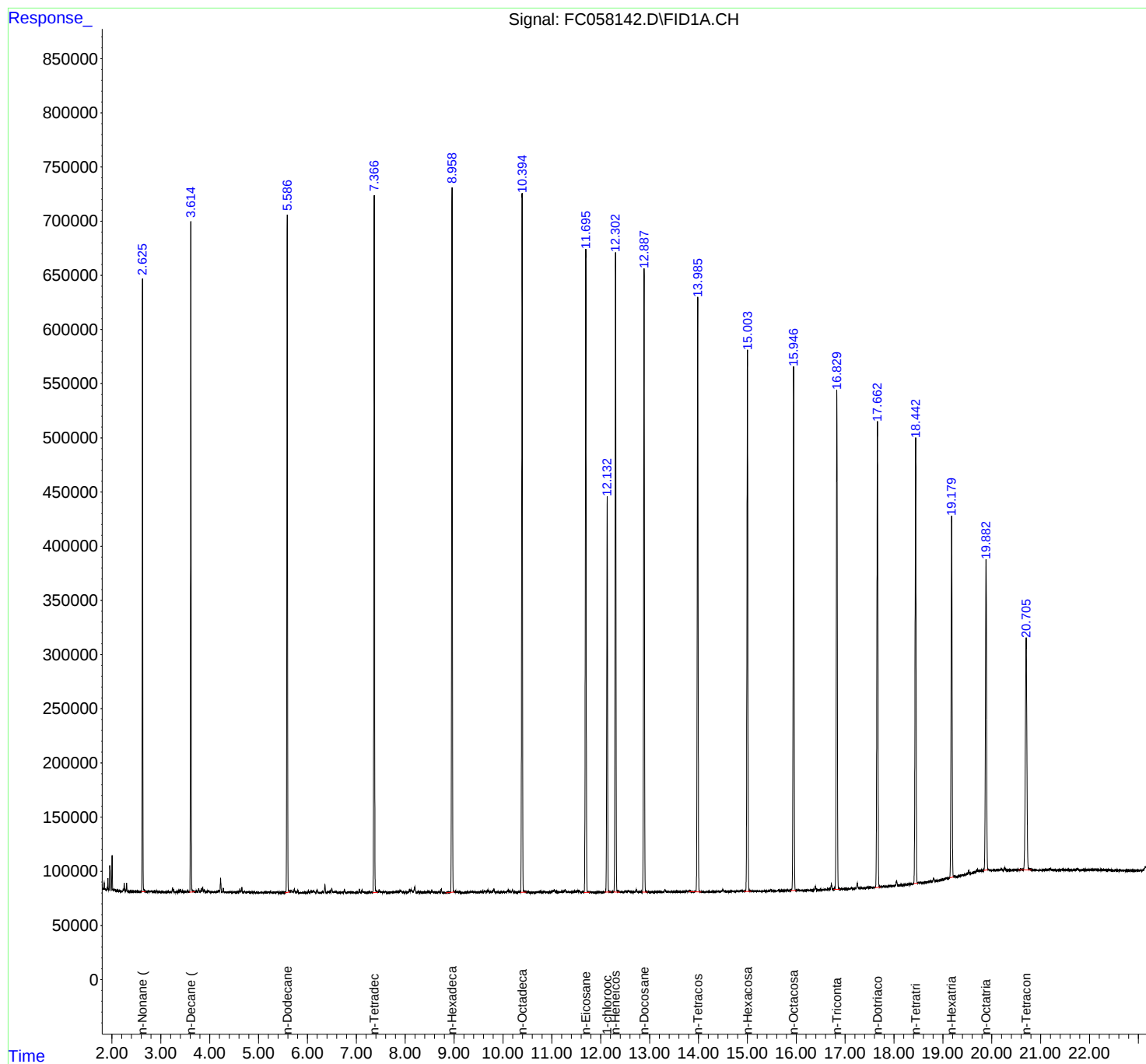
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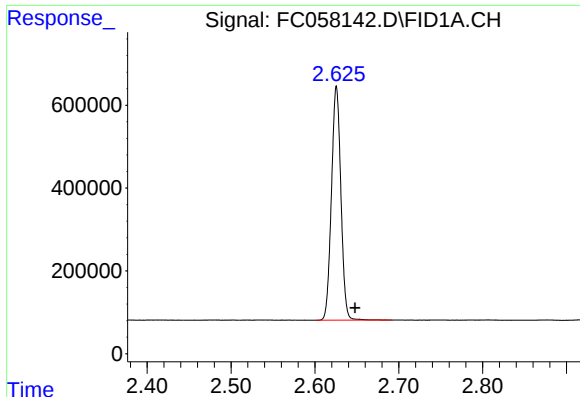
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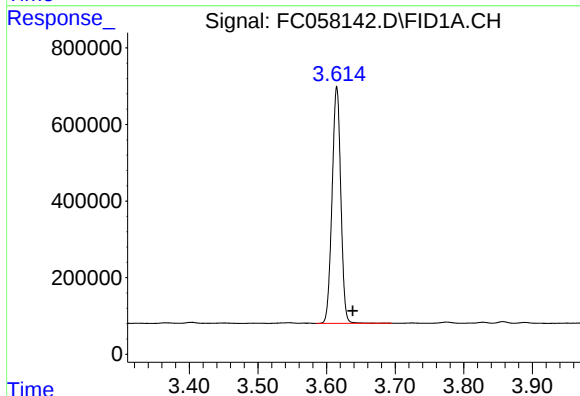
#1 n-Nonane (C9)

R.T.: 2.626 min
Delta R.T.: -0.022 min
Response: 4406302
Conc: 27.55 ug/ml

Instrument :
FID_C
ClientSampleId :

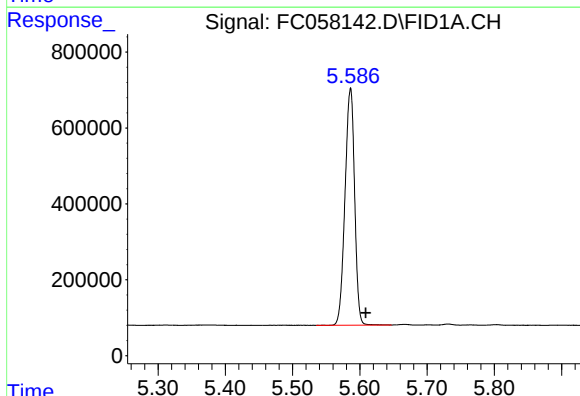
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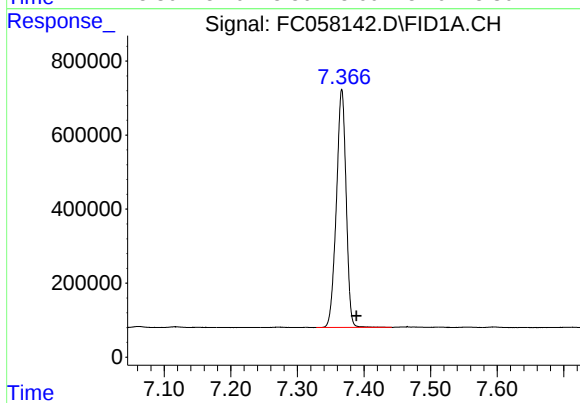
#2 n-Decane (C10)

R.T.: 3.615 min
Delta R.T.: -0.023 min
Response: 5460489
Conc: 33.97 ug/ml



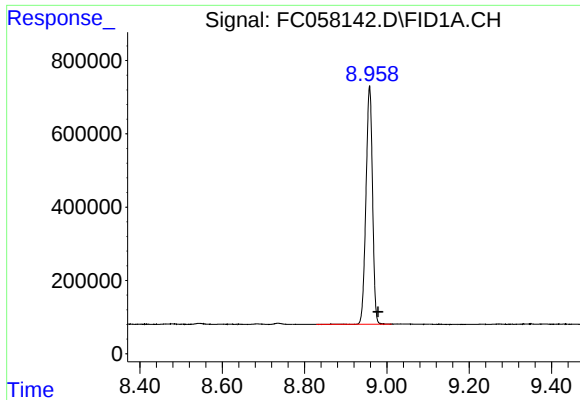
#4 n-Dodecane (C12)

R.T.: 5.586 min
Delta R.T.: -0.023 min
Response: 6188766
Conc: 38.37 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.367 min
Delta R.T.: -0.022 min
Response: 6541361
Conc: 39.62 ug/ml



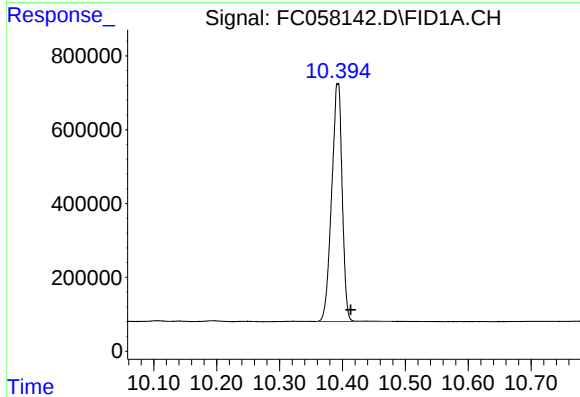
#7 n-Hexadecane (C16)

R.T.: 8.958 min
Delta R.T.: -0.021 min
Response: 7146359
Conc: 42.78 ug/ml

Instrument :
FID_C
ClientSampleId :

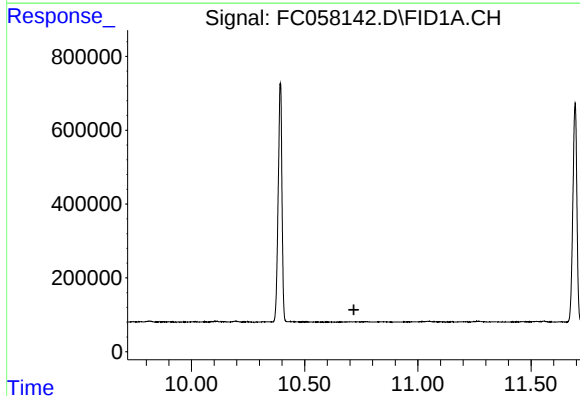
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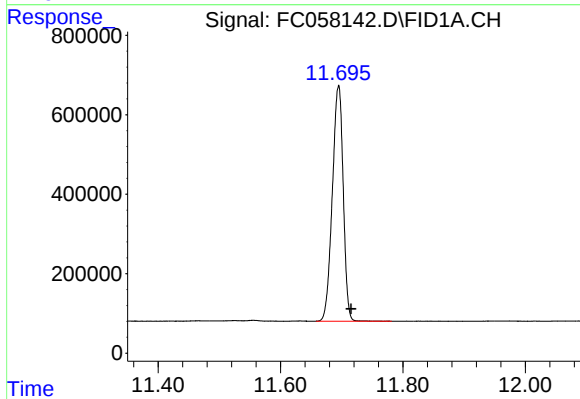
#8 n-Octadecane (C18)

R.T.: 10.392 min
Delta R.T.: -0.021 min
Response: 7491180
Conc: 43.53 ug/ml



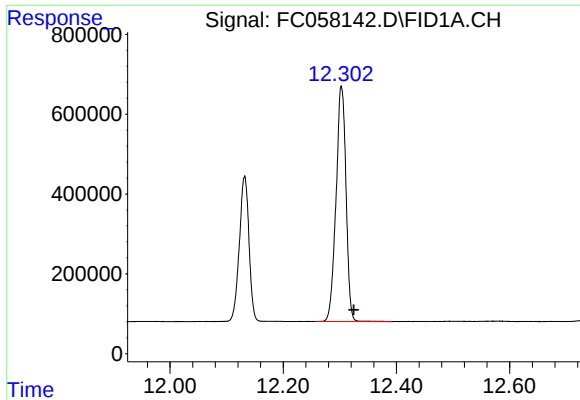
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.717 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.695 min
Delta R.T.: -0.021 min
Response: 7327096
Conc: 42.80 ug/ml



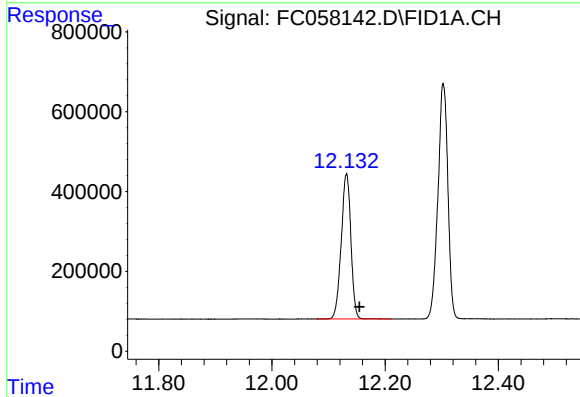
#11 n-Heneicosane (C21)

R.T.: 12.303 min
Delta R.T.: -0.022 min
Response: 7210468
Conc: 41.70 ug/ml

Instrument :
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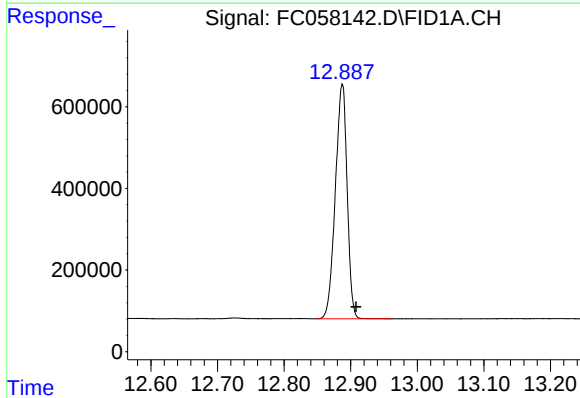
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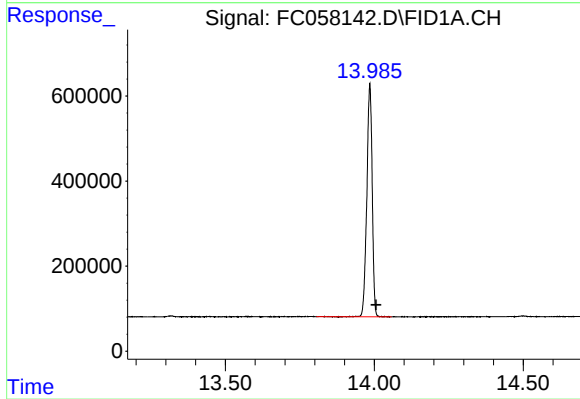
#12 1-chlorooctadecane (SURR)

R.T.: 12.132 min
Delta R.T.: -0.023 min
Response: 4306635
Conc: 29.22 ug/ml



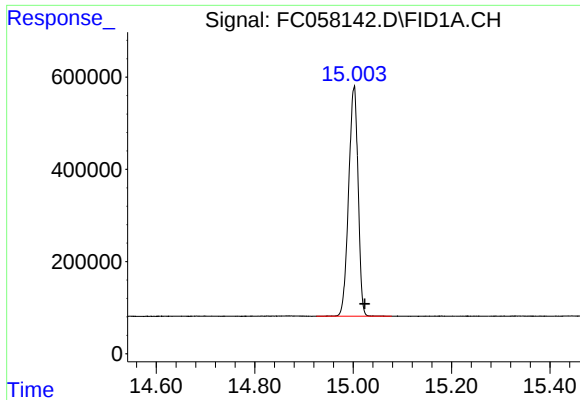
#13 n-Docosane (C22)

R.T.: 12.887 min
Delta R.T.: -0.021 min
Response: 7066045
Conc: 40.84 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.985 min
Delta R.T.: -0.022 min
Response: 6875686
Conc: 39.72 ug/ml



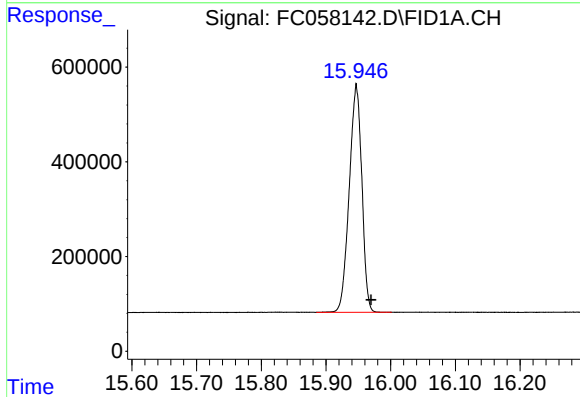
#15 n-Hexacosane (C26)

R.T.: 15.002 min
Delta R.T.: -0.022 min
Response: 6636379
Conc: 39.43 ug/ml

Instrument :
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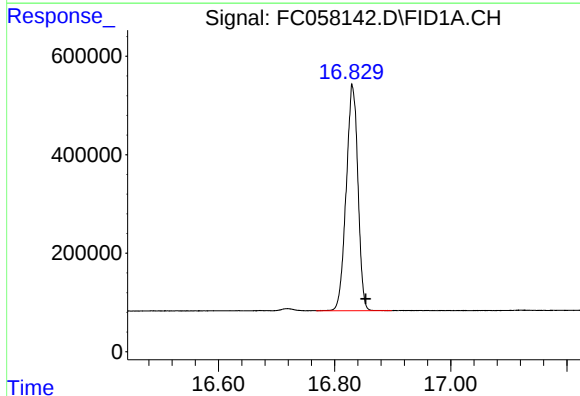
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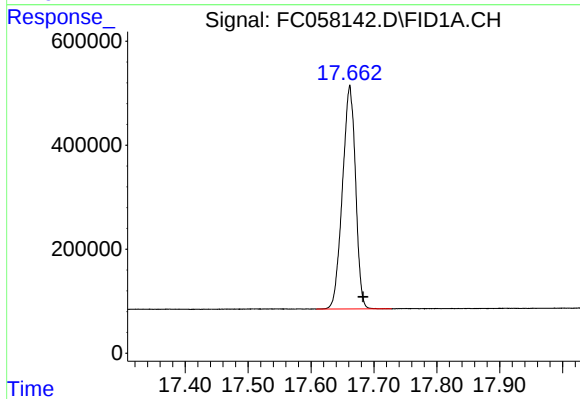
#16 n-Octacosane (C28)

R.T.: 15.947 min
Delta R.T.: -0.023 min
Response: 6500970
Conc: 39.73 ug/ml



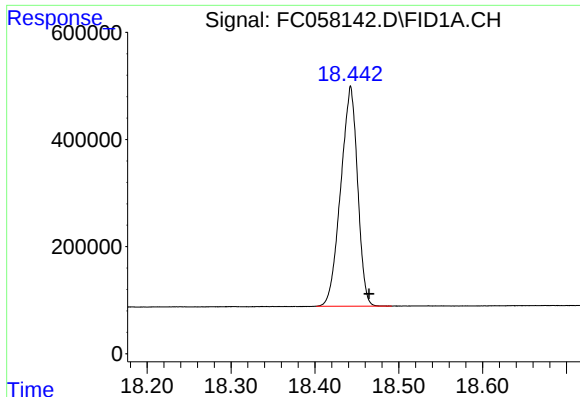
#17 n-Tricontane (C30)

R.T.: 16.831 min
Delta R.T.: -0.023 min
Response: 6441348
Conc: 41.26 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.662 min
Delta R.T.: -0.021 min
Response: 6214741
Conc: 44.57 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 18.442 min
Delta R.T.: -0.022 min
Response: 5734615
Conc: 46.14 ug/ml

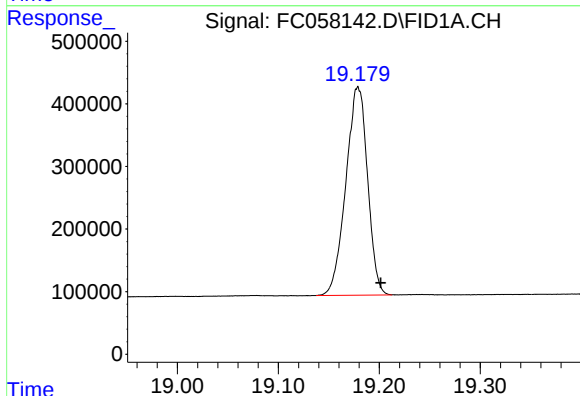
Instrument :

FID_C

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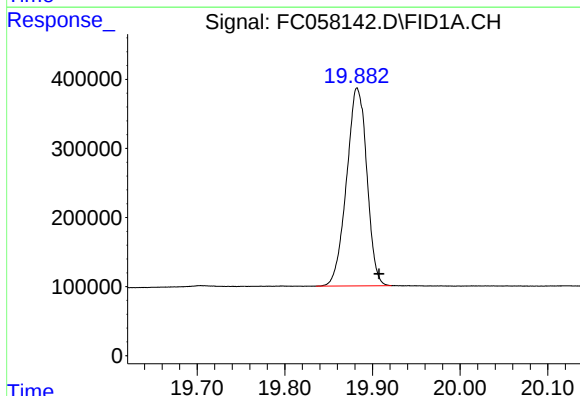
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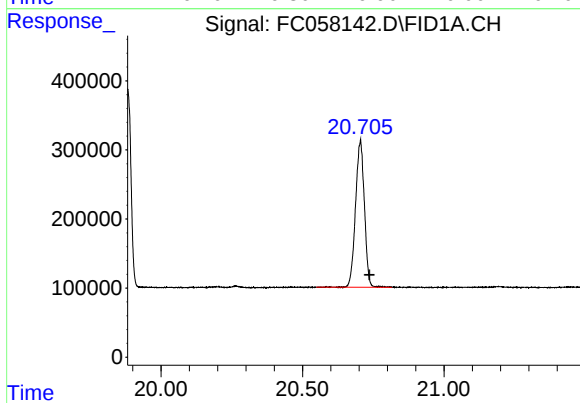
#20 n-Hexatriacontane (C36)

R.T.: 19.179 min
Delta R.T.: -0.023 min
Response: 4973409
Conc: 44.73 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.882 min
Delta R.T.: -0.025 min
Response: 4607517
Conc: 44.17 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.704 min
Delta R.T.: -0.033 min
Response: 4630301
Conc: 48.36 ug/ml