

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042222AL\
 Data File : FC059381.D
 Signal(s) : FID1A.CH
 Acq On : 23 Apr 2022 6:46
 Operator : UA/NP
 Sample : N2487-02MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

UST-1-NMS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/25/2022

Supervised By :mohammad ahmed 04/25/2022

Integration File: sample.E

Quant Time: Apr 23 07:08:55 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 042122.M

Quant Title : GC Extractables

QLast Update : Thu Apr 21 17:30:29 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			
9) S ortho-Terphenyl (SURR)	11.098	5775074	35.939 ug/ml
Spiked Amount 50.000		Recovery =	71.88%
12) S 1-chlorooctadecane (S...	12.542	4740758	36.304 ug/ml
Spiked Amount 50.000		Recovery =	72.61%
Target Compounds			
1) T n-Nonane (C9)	2.966	3919864	31.276 ug/ml
2) T n-Decane (C10)	4.004	4552947	36.443 ug/ml
3) T A~Naphthalene (C11.7)	5.550	5330812	43.457 ug/ml
4) T n-Dodecane (C12)	5.999	5513415	41.810 ug/ml
5) T A~2-methylnaphthalene...	6.598	5951938	47.161 ug/ml
6) T n-Tetradecane (C14)	7.783	6123860	45.273 ug/ml
7) T n-Hexadecane (C16)	9.372	6531101	46.503 ug/ml
8) T n-Octadecane (C18)	10.806	7121578	48.752 ug/ml
10) T n-Eicosane (C20)	12.108	7132975	47.562 ug/ml
11) T n-Heneicosane (C21)	12.716	7127782	46.859 ug/ml
13) T n-Docosane (C22)	13.299	7159772	46.728 ug/ml
14) T n-Tetracosane (C24)	14.397	8466954	54.681 ug/ml
15) T n-Hexacosane (C26)	15.415	6936835	45.010 ug/ml
16) T n-Octacosane (C28)	16.357	6923498	44.724 ug/ml
17) T n-Tricontane (C30)	17.243	6123618	40.317 ug/ml
18) T n-Dotriacontane (C32)	18.070	5848770	41.510 ug/ml
19) T n-Tetratriacontane (C34)	18.849	5147293	40.726 ug/ml
20) T n-Hexatriacontane (C36)	19.585	4792061	43.812 ug/ml
21) T n-Octatriacontane (C38)	20.282	4592811	49.315 ug/mlm
22) T n-Tetracontane (C40)	21.024	4488864	53.741 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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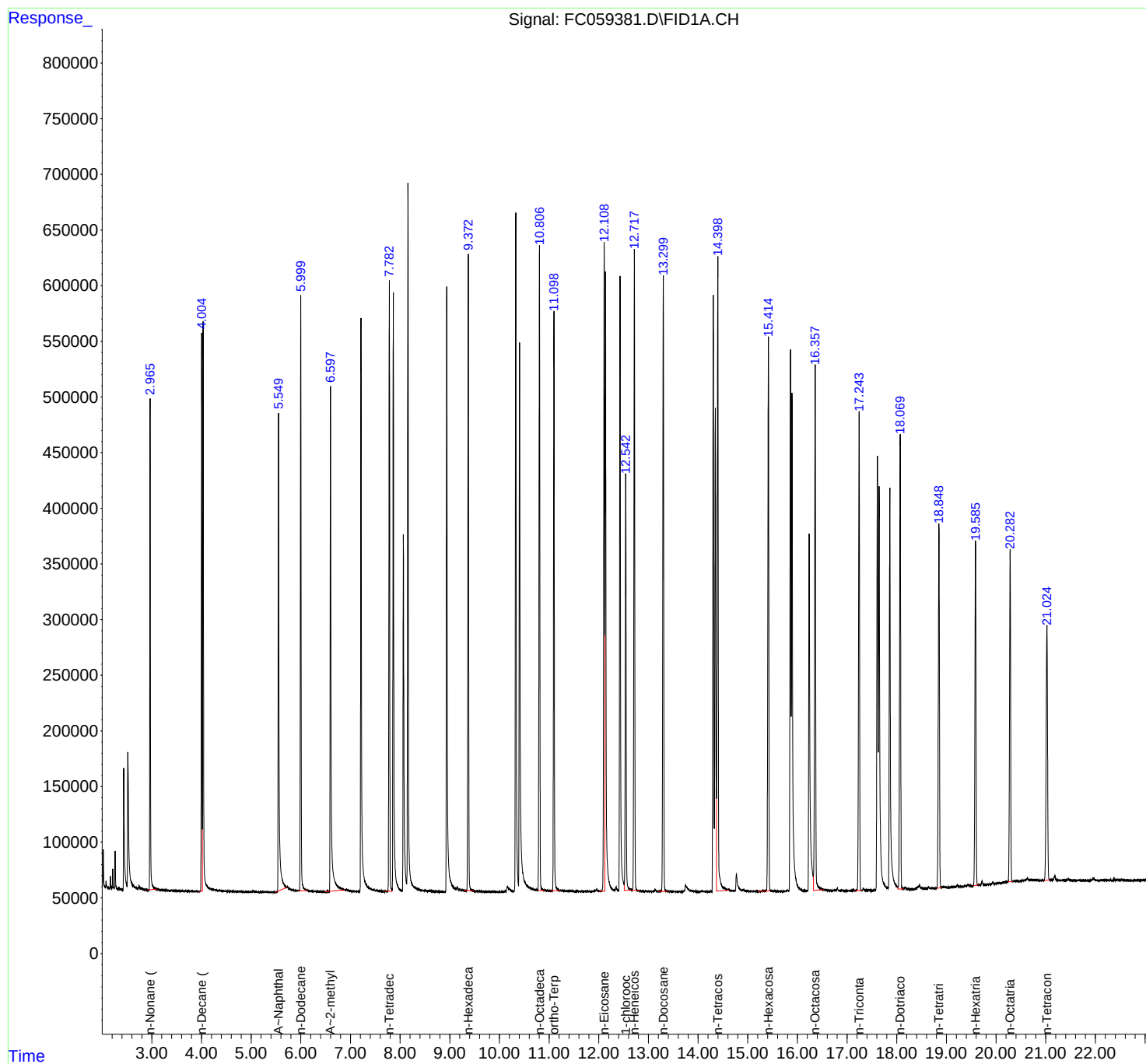
Instrument :
FID_C
ClientSampleId :
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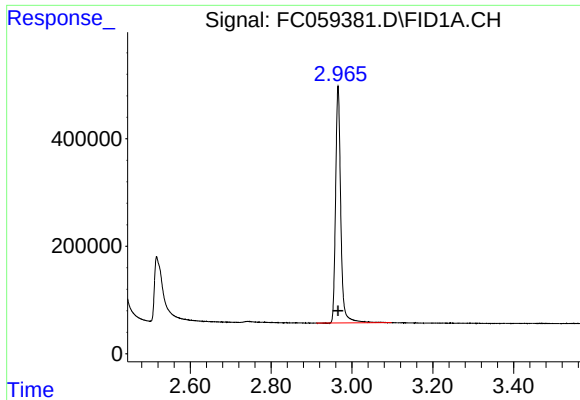
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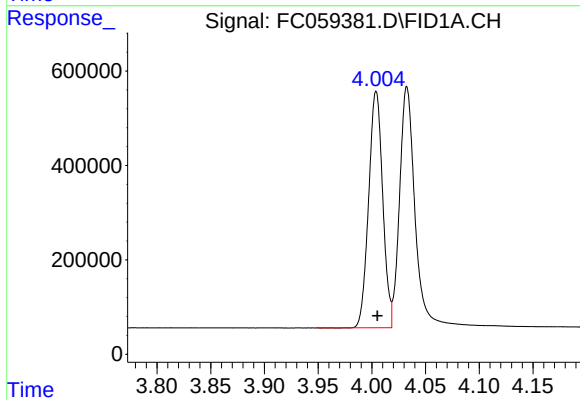
#1 n-Nonane (C9)

R.T.: 2.966 min
Delta R.T.: 0.000 min
Response: 3919864
Conc: 31.28 ug/ml

Instrument :
FID_C
ClientSampleId :
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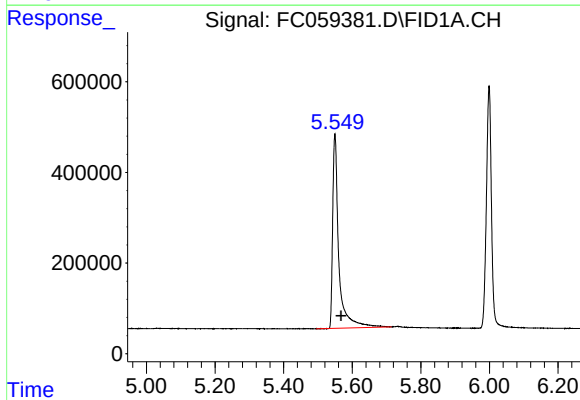
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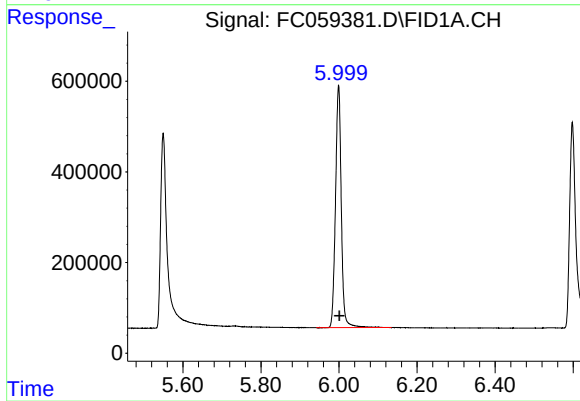
#2 n-Decane (C10)

R.T.: 4.004 min
Delta R.T.: -0.001 min
Response: 4552947
Conc: 36.44 ug/ml



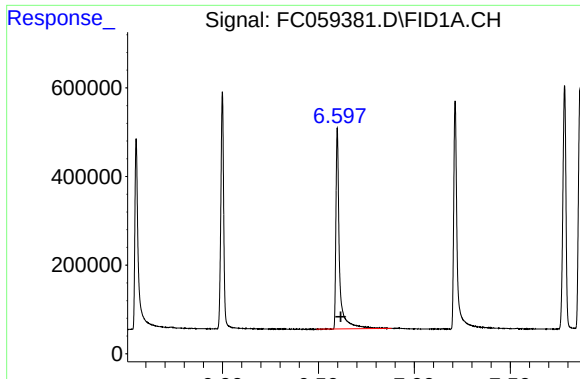
#3 A~Naphthalene (C11.7)

R.T.: 5.550 min
Delta R.T.: -0.017 min
Response: 5330812
Conc: 43.46 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 5513415
Conc: 41.81 ug/ml



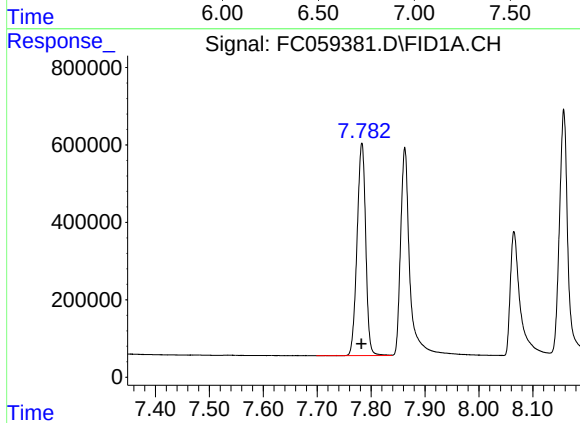
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.598 min
Delta R.T.: -0.018 min
Response: 5951938
Conc: 47.16 ug/ml

Instrument :
FID_C
ClientSampleId :
UST-1-NMS

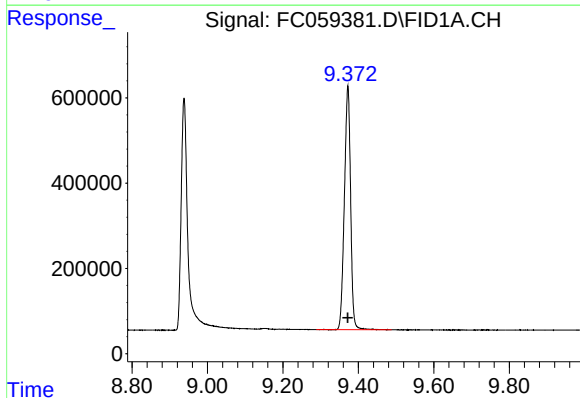
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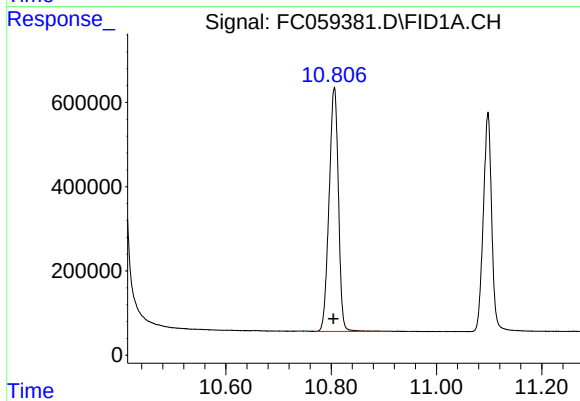
#6 n-Tetradecane (C14)

R.T.: 7.783 min
Delta R.T.: 0.001 min
Response: 6123860
Conc: 45.27 ug/ml



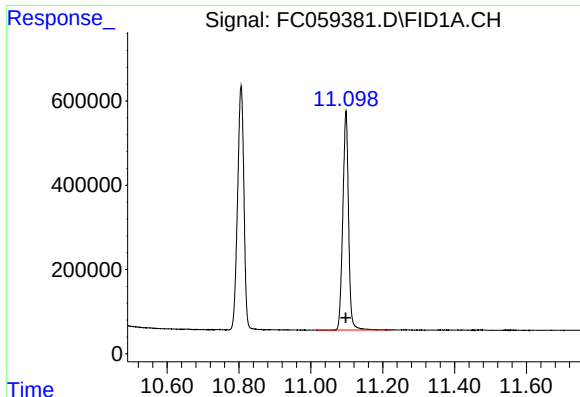
#7 n-Hexadecane (C16)

R.T.: 9.372 min
Delta R.T.: 0.000 min
Response: 6531101
Conc: 46.50 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.806 min
Delta R.T.: 0.001 min
Response: 7121578
Conc: 48.75 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.098 min
Delta R.T.: 0.000 min
Response: 5775074
Conc: 35.94 ug/ml

Instrument :

FID_C

ClientSampleId :

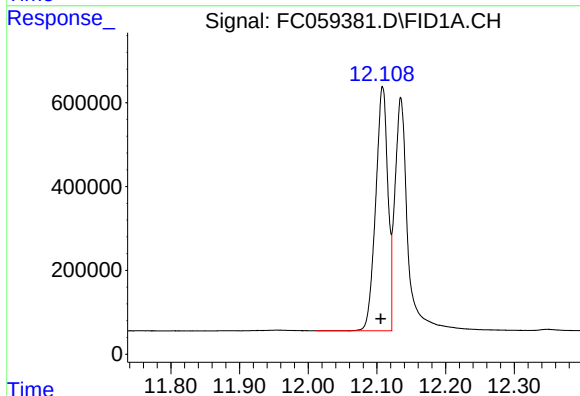
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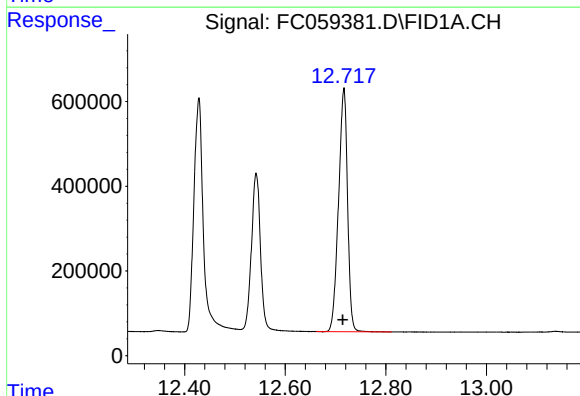
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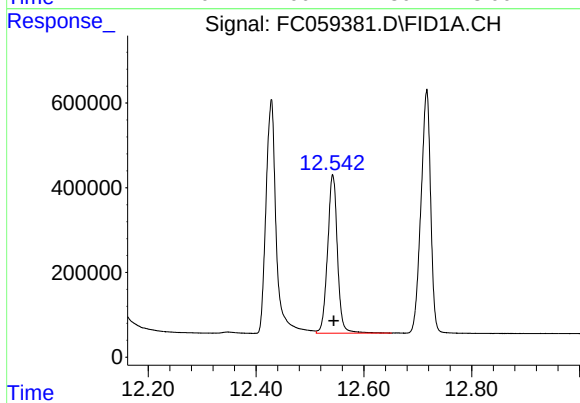
#10 n-Eicosane (C20)

R.T.: 12.108 min
Delta R.T.: 0.003 min
Response: 7132975
Conc: 47.56 ug/ml



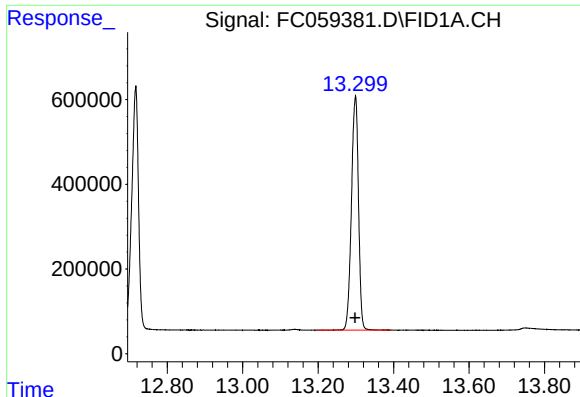
#11 n-Heneicosane (C21)

R.T.: 12.716 min
Delta R.T.: 0.002 min
Response: 7127782
Conc: 46.86 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.542 min
Delta R.T.: -0.002 min
Response: 4740758
Conc: 36.30 ug/ml



#13 n-Docosane (C22)

R.T.: 13.299 min
Delta R.T.: 0.000 min
Response: 7159772
Conc: 46.73 ug/ml

Instrument :

FID_C

ClientSampleId :

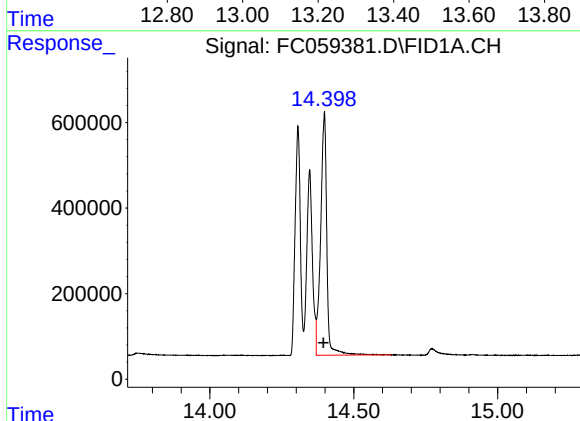
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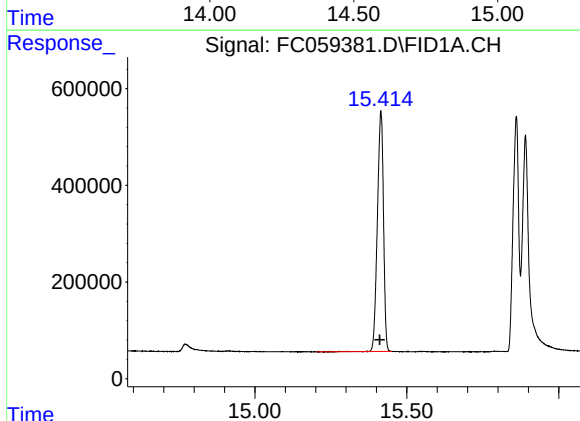
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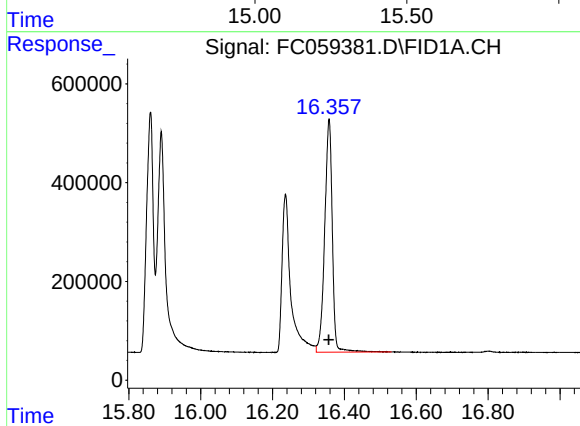
#14 n-Tetracosane (C24)

R.T.: 14.397 min
Delta R.T.: 0.003 min
Response: 8466954
Conc: 54.68 ug/ml



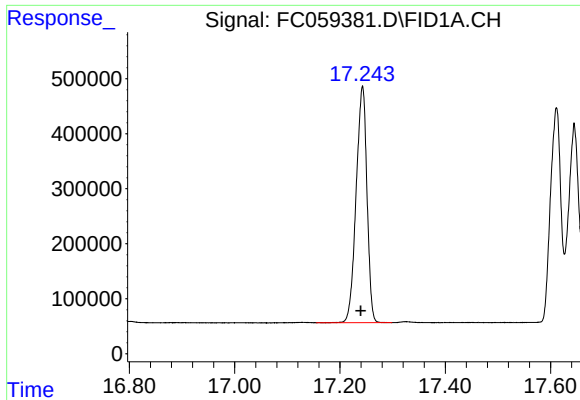
#15 n-Hexacosane (C26)

R.T.: 15.415 min
Delta R.T.: 0.004 min
Response: 6936835
Conc: 45.01 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.357 min
Delta R.T.: 0.001 min
Response: 6923498
Conc: 44.72 ug/ml



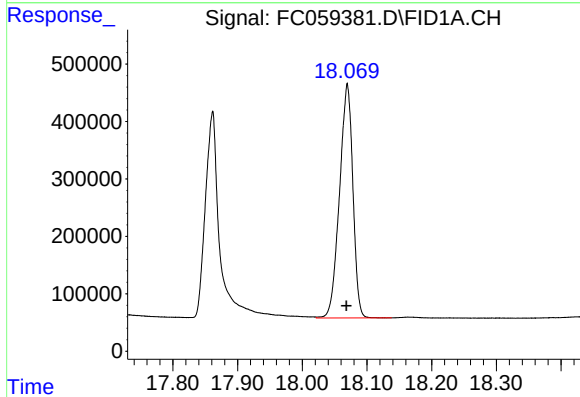
#17 n-Tricontane (C30)

R.T.: 17.243 min
Delta R.T.: 0.003 min
Response: 6123618
Conc: 40.32 ug/ml

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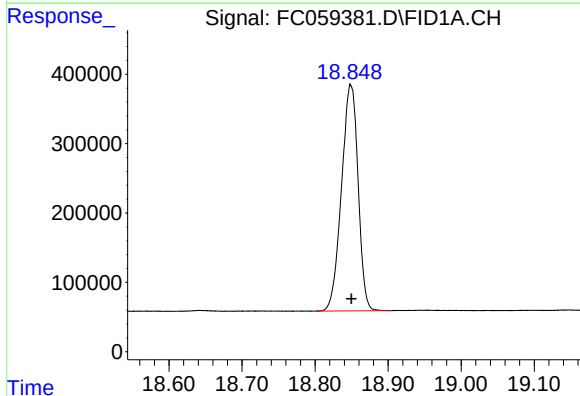
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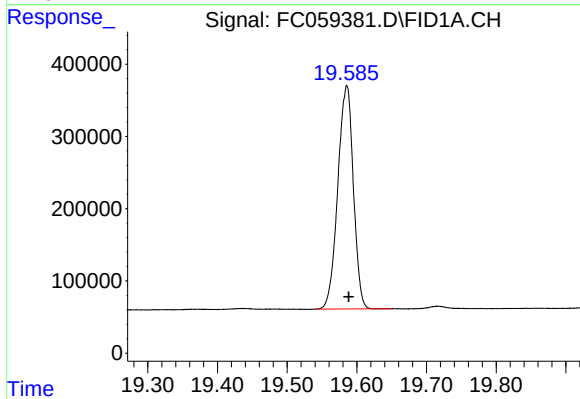
#18 n-Dotriacontane (C32)

R.T.: 18.070 min
Delta R.T.: 0.001 min
Response: 5848770
Conc: 41.51 ug/ml



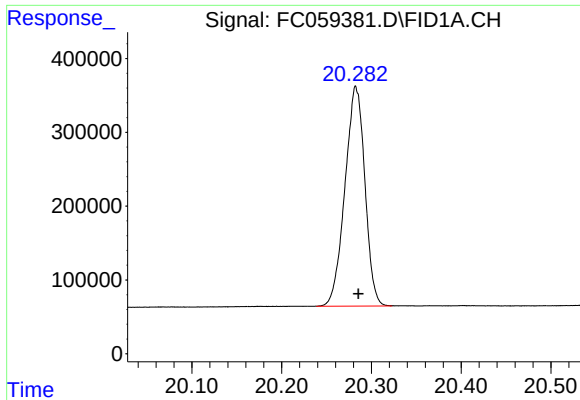
#19 n-Tetratriacontane (C34)

R.T.: 18.849 min
Delta R.T.: 0.000 min
Response: 5147293
Conc: 40.73 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.585 min
Delta R.T.: -0.003 min
Response: 4792061
Conc: 43.81 ug/ml



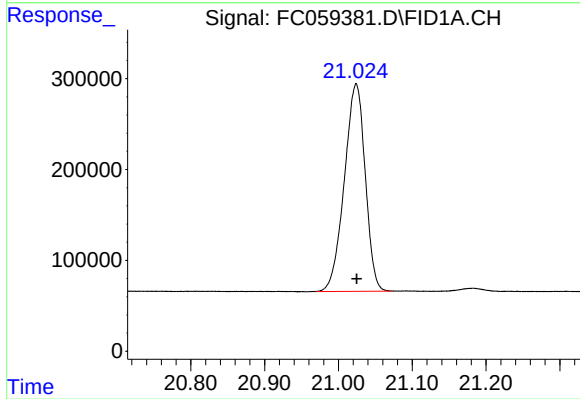
#21 n-Octatriacontane (C38)

R.T.: 20.282 min
Delta R.T.: -0.003 min
Response: 4592811
Conc: 49.32 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.024 min
Delta R.T.: -0.001 min
Response: 4488864
Conc: 53.74 ug/ml m