

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042722AL\
 Data File : FC059496.D
 Signal(s) : FID1A.CH
 Acq On : 28 Apr 2022 5:48
 Operator : UA/NP
 Sample : PB144409BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB144409BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/28/2022

Supervised By :mohammad ahmed 04/28/2022

Integration File: sample.E

Quant Time: Apr 28 07:54:09 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	7104878	44.214 ug/ml
Spiked Amount 50.000		Recovery =	88.43%
12) S 1-chlorooctadecane (S...	12.543	5901135	45.191 ug/ml
Spiked Amount 50.000		Recovery =	90.38%
Target Compounds			
1) T n-Nonane (C9)	2.977	6009108	47.946 ug/ml
2) T n-Decane (C10)	4.009	6308506	50.495 ug/ml
3) T A~Naphthalene (C11.7)	5.550	7334927	59.795 ug/ml
4) T n-Dodecane (C12)	6.000	6805129	51.606 ug/ml
5) T A~2-methylnaphthalene...	6.598	7412508	58.734 ug/ml
6) T n-Tetradecane (C14)	7.783	7356909	54.389 ug/ml
7) T n-Hexadecane (C16)	9.372	7952245	56.622 ug/ml
8) T n-Octadecane (C18)	10.807	8461559	57.925 ug/ml
10) T n-Eicosane (C20)	12.109	8317496	55.461 ug/mlm
11) T n-Heneicosane (C21)	12.716	8030122	52.791 ug/ml
13) T n-Docosane (C22)	13.300	7845003	51.200 ug/ml
14) T n-Tetracosane (C24)	14.396	8426611	54.421 ug/ml
15) T n-Hexacosane (C26)	15.415	7060590	45.813 ug/ml
16) T n-Octacosane (C28)	16.357	6853999	44.275 ug/ml
17) T n-Tricontane (C30)	17.246	6243585	41.106 ug/mlm
18) T n-Dotriacontane (C32)	18.071	6252579	44.376 ug/ml
19) T n-Tetratriacontane (C34)	18.851	5731242	45.347 ug/ml
20) T n-Hexatriacontane (C36)	19.588	5601002	51.208 ug/ml
21) T n-Octatriacontane (C38)	20.288	5507876	59.141 ug/mlm
22) T n-Tetracontane (C40)	21.028	5470296	65.491 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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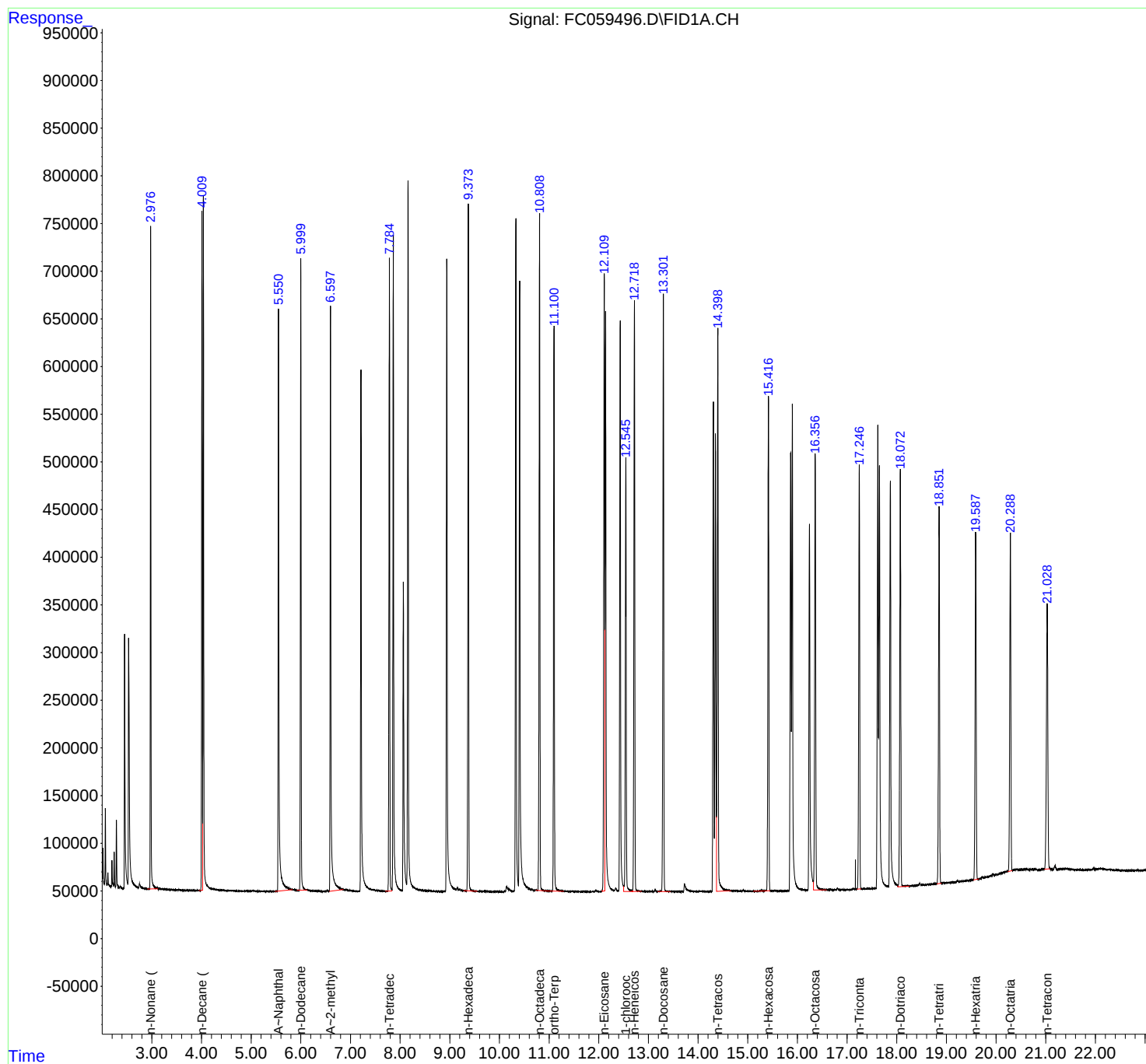
Instrument :
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ClientSampleId :
PB144409BS

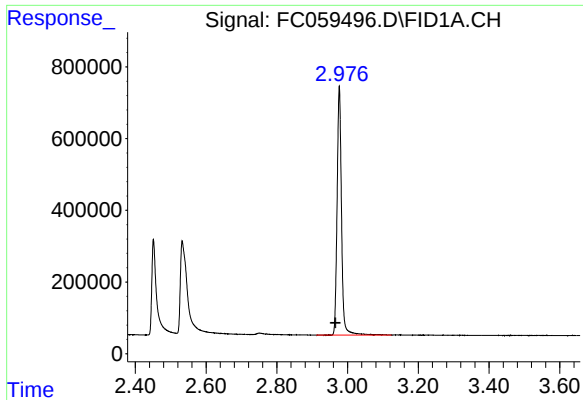
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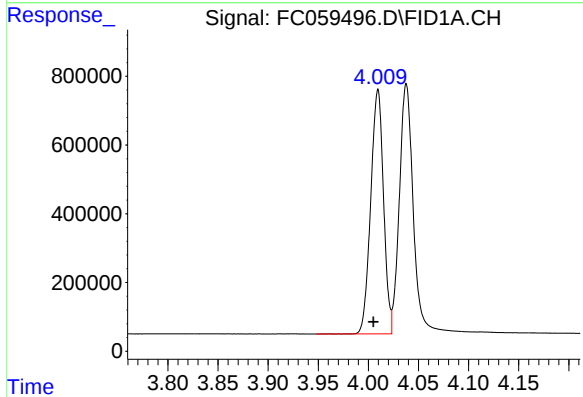
#1 n-Nonane (C9)

R.T.: 2.977 min
Delta R.T.: 0.011 min
Response: 6009108
Conc: 47.95 ug/ml

Instrument :
FID_C
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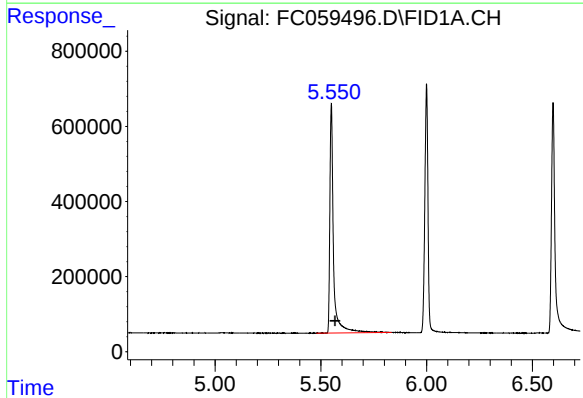
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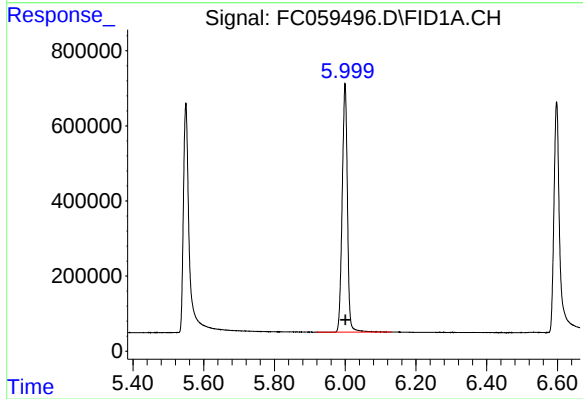
#2 n-Decane (C10)

R.T.: 4.009 min
Delta R.T.: 0.004 min
Response: 6308506
Conc: 50.49 ug/ml



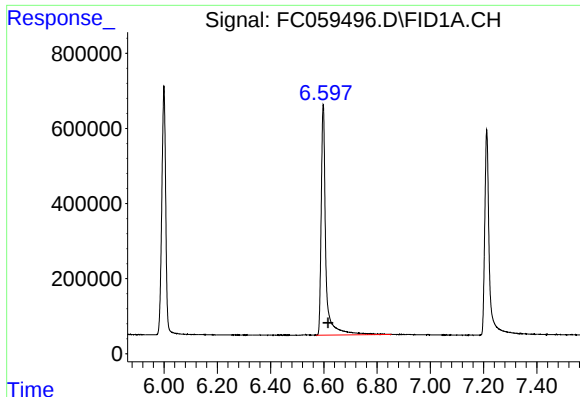
#3 A~Naphthalene (C11.7)

R.T.: 5.550 min
Delta R.T.: -0.017 min
Response: 7334927
Conc: 59.80 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.000 min
Delta R.T.: -0.001 min
Response: 6805129
Conc: 51.61 ug/ml



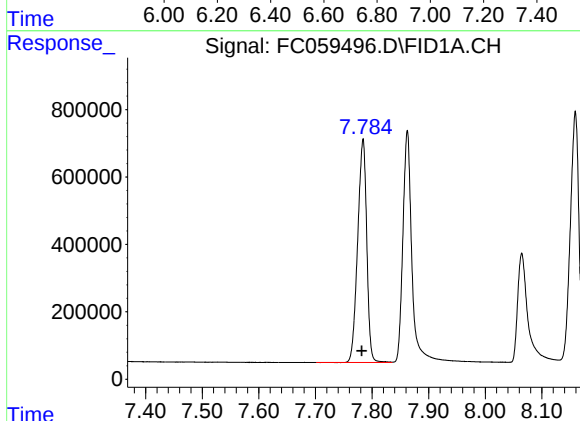
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.598 min
Delta R.T.: -0.018 min
Response: 7412508
Conc: 58.73 ug/ml

Instrument :
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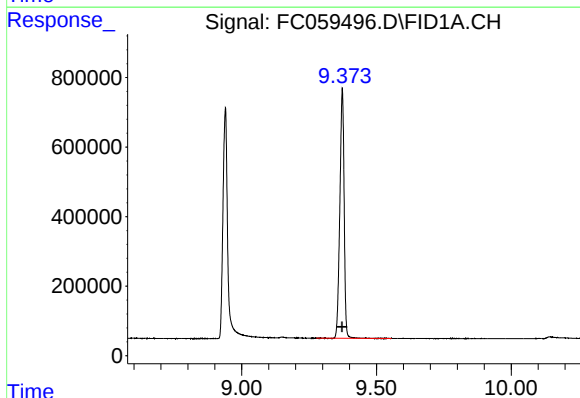
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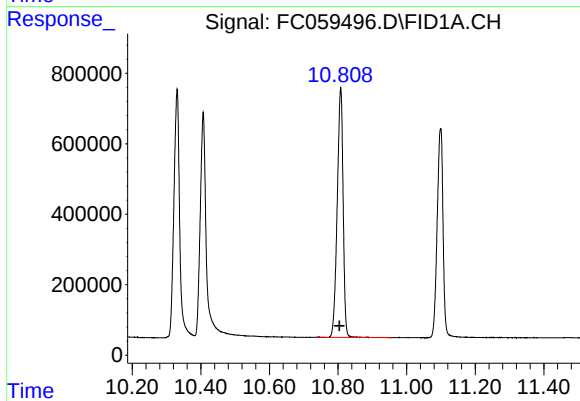
#6 n-Tetradecane (C14)

R.T.: 7.783 min
Delta R.T.: 0.001 min
Response: 7356909
Conc: 54.39 ug/ml



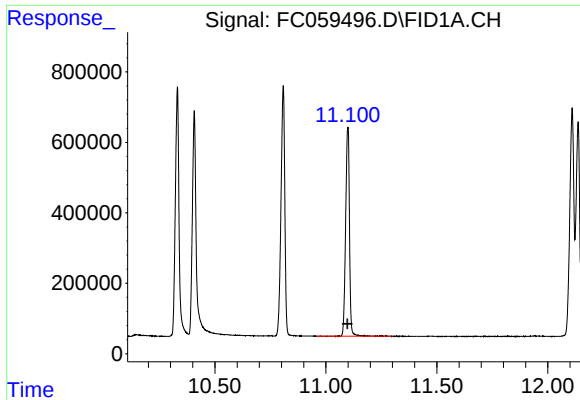
#7 n-Hexadecane (C16)

R.T.: 9.372 min
Delta R.T.: 0.000 min
Response: 7952245
Conc: 56.62 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.807 min
Delta R.T.: 0.002 min
Response: 8461559
Conc: 57.93 ug/ml



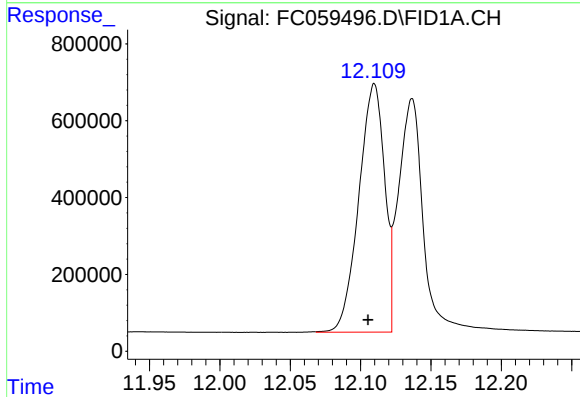
#9 ortho-Terphenyl (SURR)

R.T.: 11.098 min
Delta R.T.: 0.000 min
Response: 7104878
Conc: 44.21 ug/ml

Instrument :
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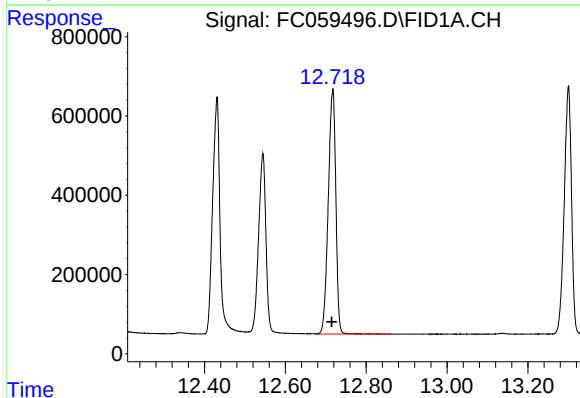
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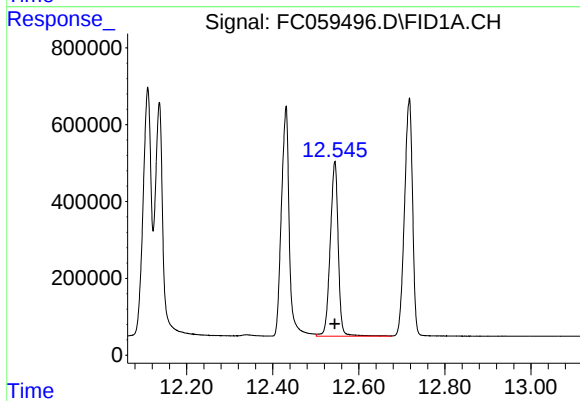
#10 n-Eicosane (C20)

R.T.: 12.109 min
Delta R.T.: 0.004 min
Response: 8317496
Conc: 55.46 ug/ml m



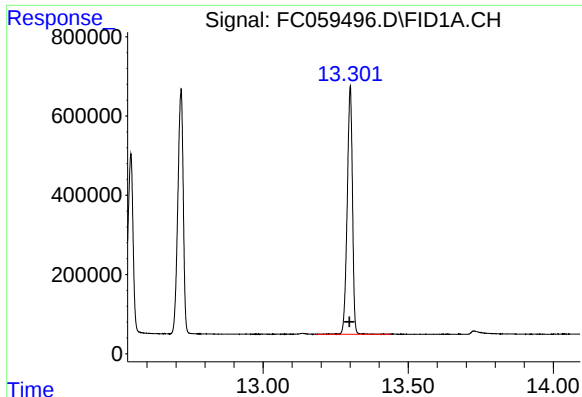
#11 n-Heneicosane (C21)

R.T.: 12.716 min
Delta R.T.: 0.002 min
Response: 8030122
Conc: 52.79 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.543 min
Delta R.T.: -0.001 min
Response: 5901135
Conc: 45.19 ug/ml



#13 n-Docosane (C22)

R.T.: 13.300 min
Delta R.T.: 0.001 min
Response: 7845003
Conc: 51.20 ug/ml

Instrument :

FID_C

ClientSampleId :

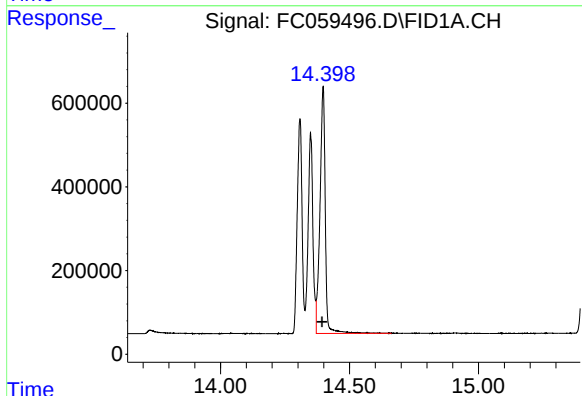
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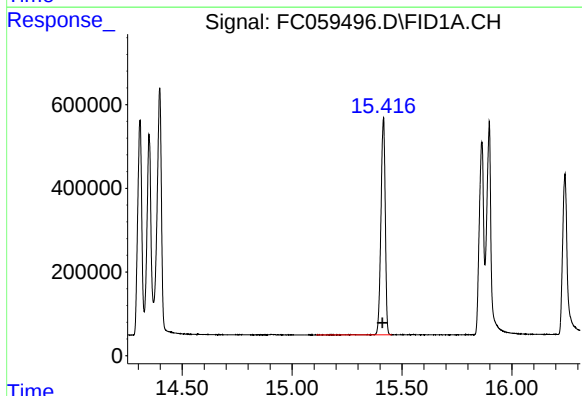
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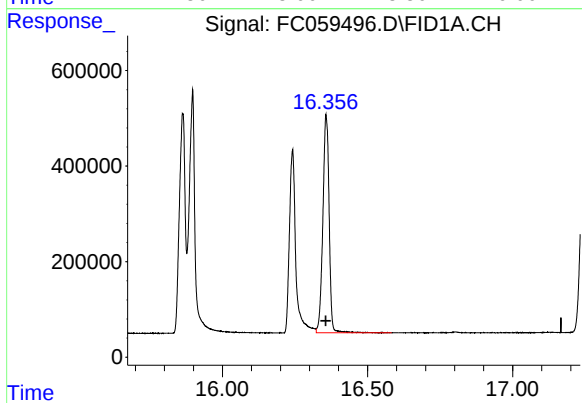
#14 n-Tetracosane (C24)

R.T.: 14.396 min
Delta R.T.: 0.002 min
Response: 8426611
Conc: 54.42 ug/ml



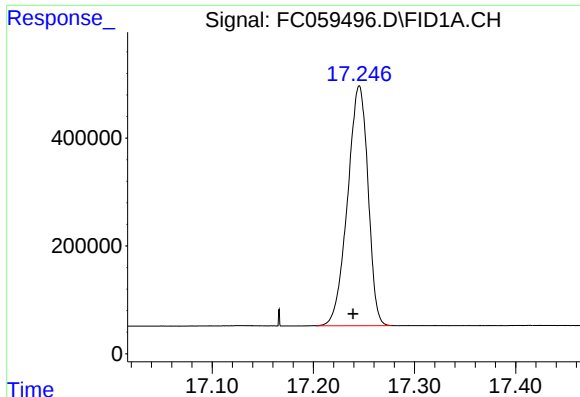
#15 n-Hexacosane (C26)

R.T.: 15.415 min
Delta R.T.: 0.004 min
Response: 7060590
Conc: 45.81 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.357 min
Delta R.T.: 0.000 min
Response: 6853999
Conc: 44.28 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.246 min
Delta R.T.: 0.006 min
Response: 6243585
Conc: 41.11 ug/ml

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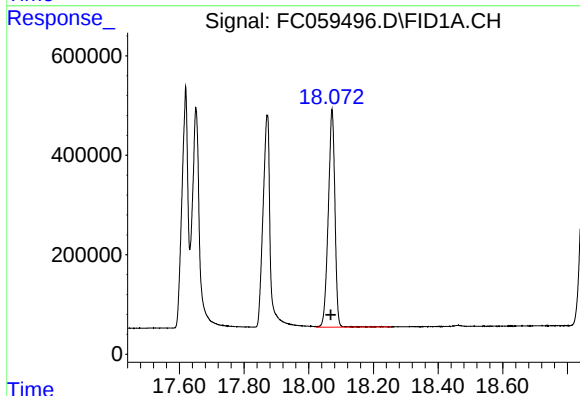
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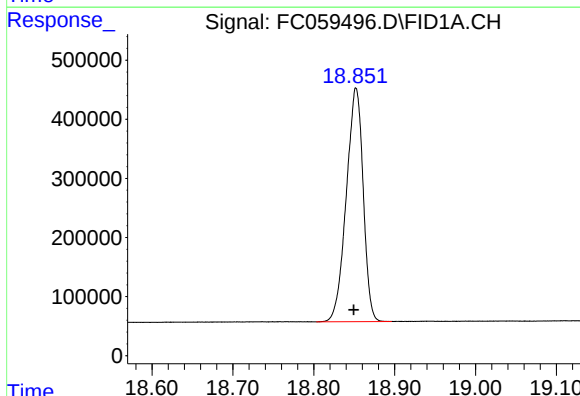
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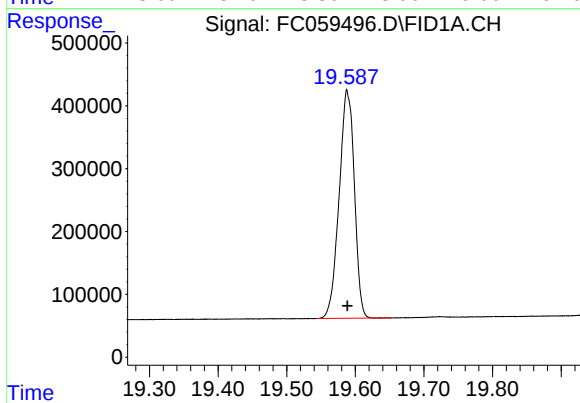
#18 n-Dotriacontane (C32)

R.T.: 18.071 min
Delta R.T.: 0.002 min
Response: 6252579
Conc: 44.38 ug/ml



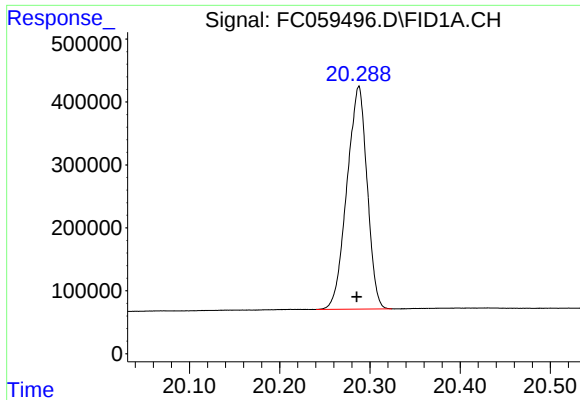
#19 n-Tetratriacontane (C34)

R.T.: 18.851 min
Delta R.T.: 0.001 min
Response: 5731242
Conc: 45.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.588 min
Delta R.T.: 0.000 min
Response: 5601002
Conc: 51.21 ug/ml



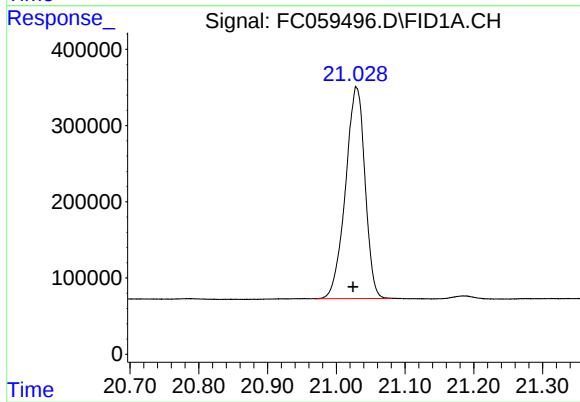
#21 n-Octatriacontane (C38)

R.T.: 20.288 min
Delta R.T.: 0.002 min
Response: 5507876
Conc: 59.14 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.028 min
Delta R.T.: 0.003 min
Response: 5470296
Conc: 65.49 ug/ml m