

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051622AL\
 Data File : FD042471.D
 Signal(s) : FID2B.CH
 Acq On : 16 May 2022 12:11
 Operator : UA/NP
 Sample : PB144824BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB144824BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/17/2022

Supervised By :mohammad ahmed 05/17/2022

Integration File: autoint1.e

Quant Time: May 16 20:48:26 2022

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

Quant Title : GC Extractables

QLast Update : Fri Apr 22 01:55:29 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)	11.208	6616190	39.451 ug/ml
Spiked Amount 50.000		Recovery =	78.90%
12) S 1-chlorooctadecane (S...	12.645	4927778	37.343 ug/ml
Spiked Amount 50.000		Recovery =	74.69%
Target Compounds			
1) T n-Nonane (C9)	3.094	6249865	45.853 ug/ml
2) T n-Decane (C10)	4.131	6906276	51.534 ug/ml
3) T A~Naphthalene (C11.7)	5.675	8017402	55.310 ug/ml
4) T n-Dodecane (C12)	6.119	7360250	51.700 ug/ml
5) T A~2-methylnaphthalene...	6.720	8004626	57.441 ug/ml
6) T n-Tetradecane (C14)	7.896	7536560	52.908 ug/ml
7) T n-Hexadecane (C16)	9.480	7646515	52.619 ug/ml
8) T n-Octadecane (C18)	10.911	7971073	53.185 ug/ml
10) T n-Eicosane (C20)	12.210	7634738	49.880 ug/ml
11) T n-Heneicosane (C21)	12.816	7531485	48.853 ug/ml
13) T n-Docosane (C22)	13.399	7394989	47.975 ug/ml
14) T n-Tetracosane (C24)	14.494	7826565	50.607 ug/ml
15) T n-Hexacosane (C26)	15.511	6851501	44.543 ug/ml
16) T n-Octacosane (C28)	16.453	6641130	43.437 ug/ml
17) T n-Tricontane (C30)	17.336	6247647	41.652 ug/ml
18) T n-Dotriacontane (C32)	18.161	6185313	43.744 ug/ml
19) T n-Tetratriacontane (C34)	18.941	5573269	43.307 ug/ml
20) T n-Hexatriacontane (C36)	19.677	5194187	45.901 ug/ml
21) T n-Octatriacontane (C38)	20.374	4964109	49.752 ug/ml
22) T n-Tetracontane (C40)	21.146	4624371	51.269 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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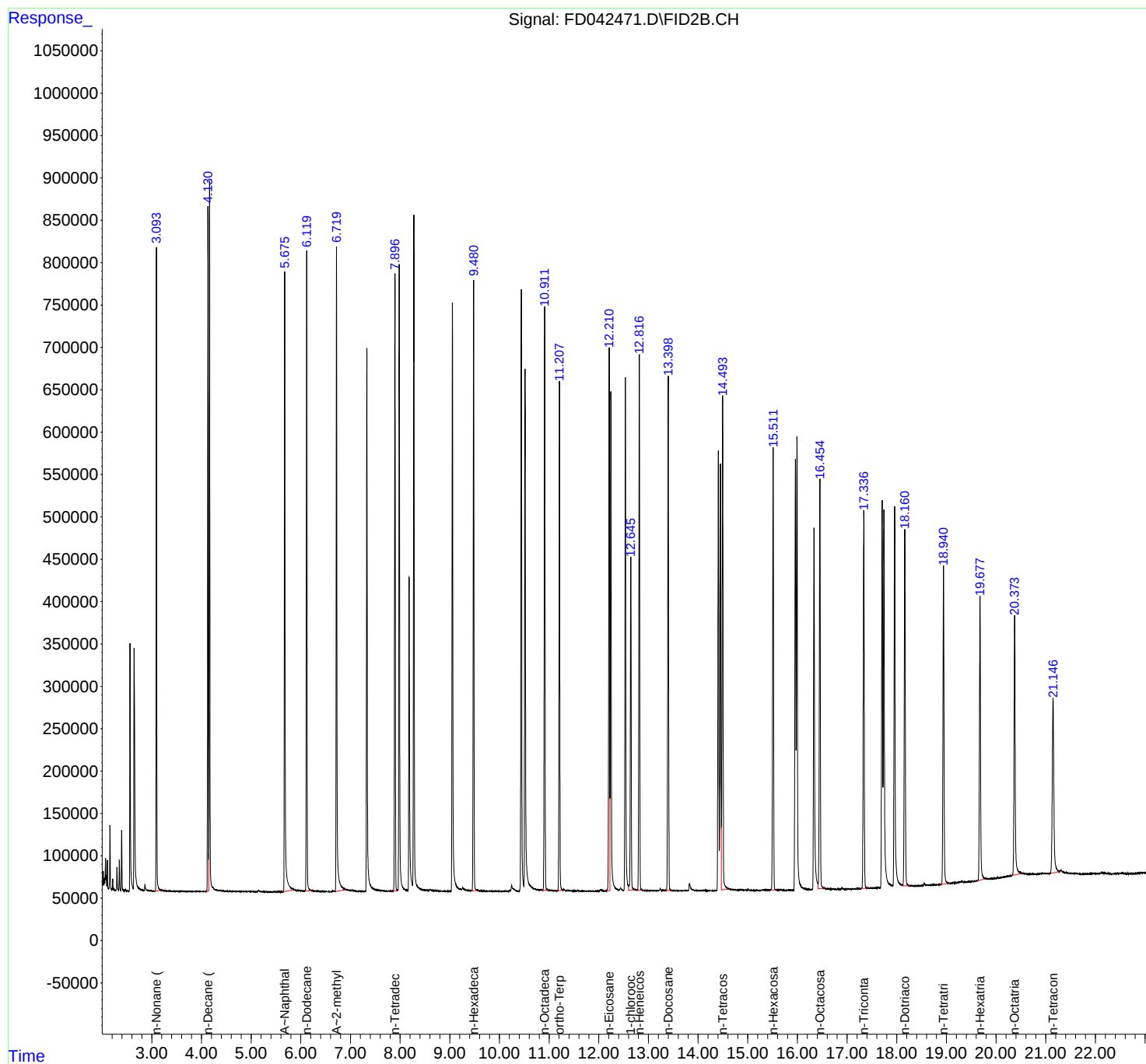
Instrument :
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PB144824BS

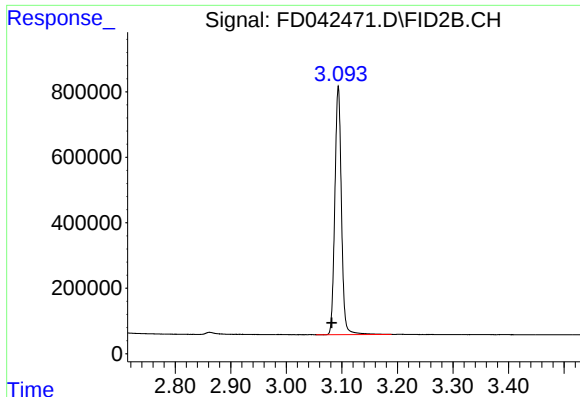
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.094 min
Delta R.T.: 0.012 min
Response: 6249865
Conc: 45.85 ug/ml

Instrument :

FID_D

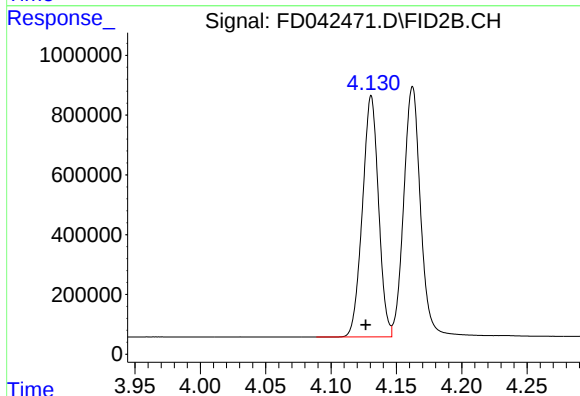
ClientSampleId :

PB144824BS

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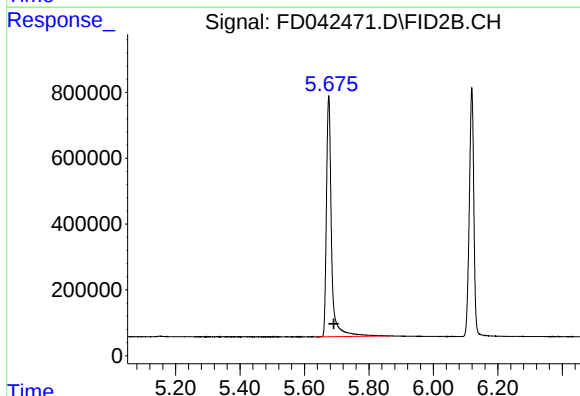
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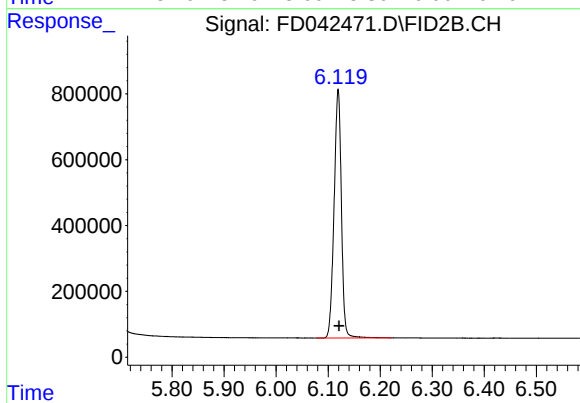
#2 n-Decane (C10)

R.T.: 4.131 min
Delta R.T.: 0.004 min
Response: 6906276
Conc: 51.53 ug/ml



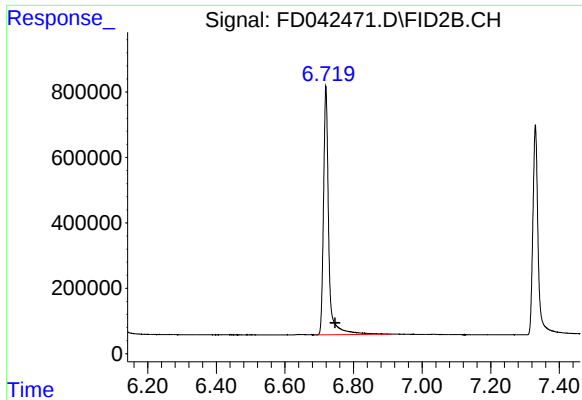
#3 A~Naphthalene (C11.7)

R.T.: 5.675 min
Delta R.T.: -0.016 min
Response: 8017402
Conc: 55.31 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.119 min
Delta R.T.: -0.002 min
Response: 7360250
Conc: 51.70 ug/ml



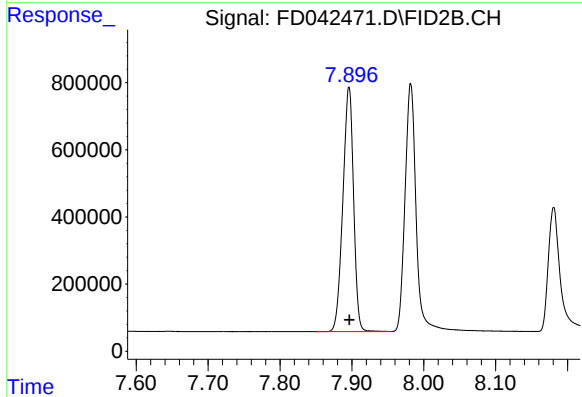
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.720 min
Delta R.T.: -0.027 min
Response: 8004626
Conc: 57.44 ug/ml

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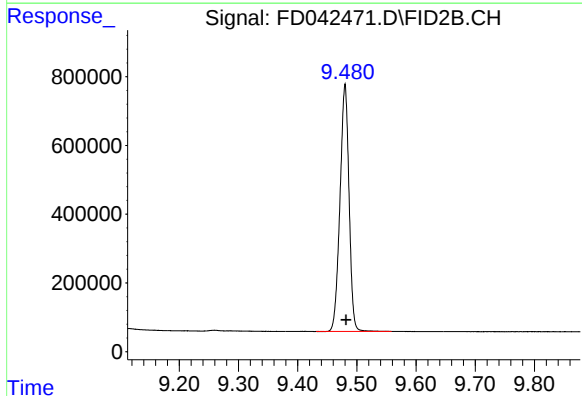
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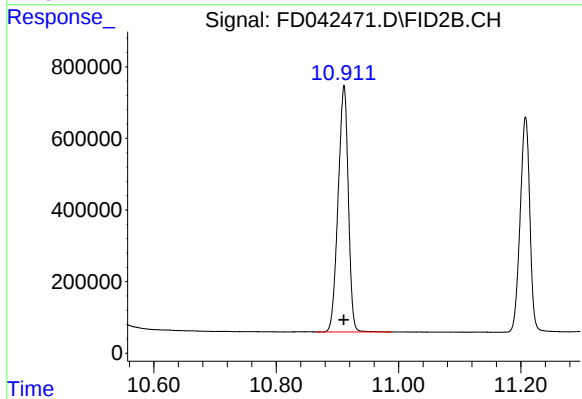
#6 n-Tetradecane (C14)

R.T.: 7.896 min
Delta R.T.: 0.000 min
Response: 7536560
Conc: 52.91 ug/ml



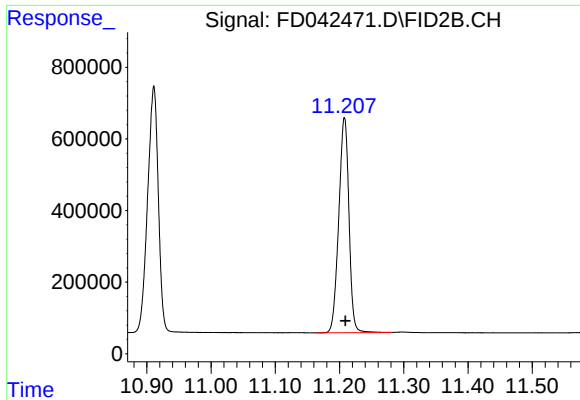
#7 n-Hexadecane (C16)

R.T.: 9.480 min
Delta R.T.: -0.002 min
Response: 7646515
Conc: 52.62 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.911 min
Delta R.T.: 0.000 min
Response: 7971073
Conc: 53.18 ug/ml



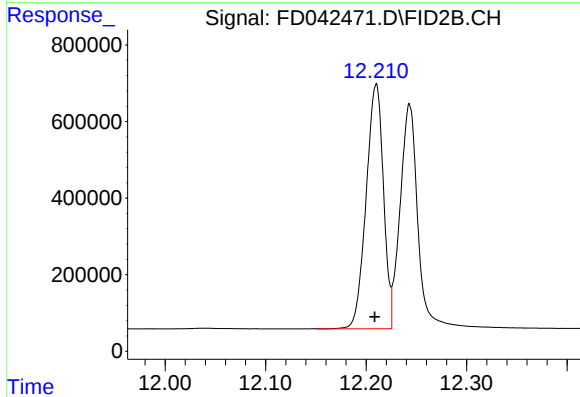
#9 ortho-Terphenyl (SURR)

R.T.: 11.208 min
Delta R.T.: -0.002 min
Response: 6616190
Conc: 39.45 ug/ml

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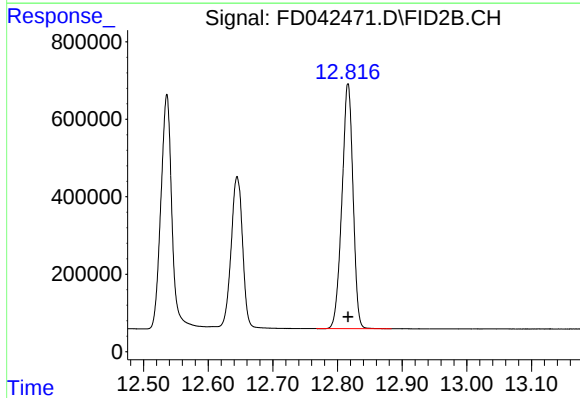
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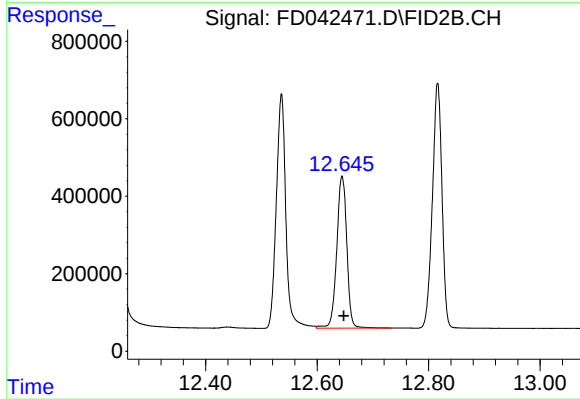
#10 n-Eicosane (C20)

R.T.: 12.210 min
Delta R.T.: 0.001 min
Response: 7634738
Conc: 49.88 ug/ml



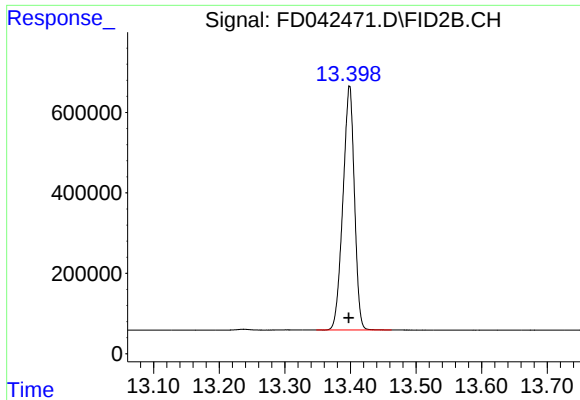
#11 n-Heneicosane (C21)

R.T.: 12.816 min
Delta R.T.: 0.000 min
Response: 7531485
Conc: 48.85 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.645 min
Delta R.T.: -0.003 min
Response: 4927778
Conc: 37.34 ug/ml



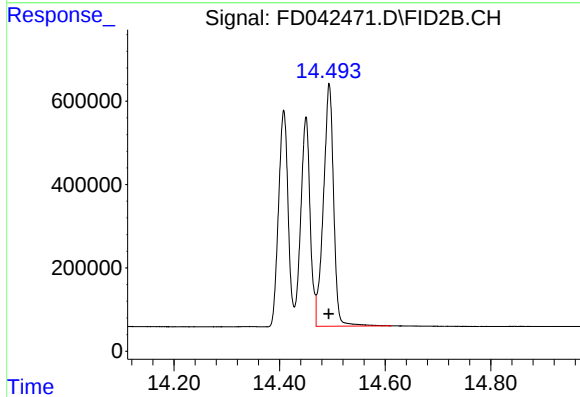
#13 n-Docosane (C22)

R.T.: 13.399 min
Delta R.T.: 0.001 min
Response: 7394989
Conc: 47.97 ug/ml

Instrument :
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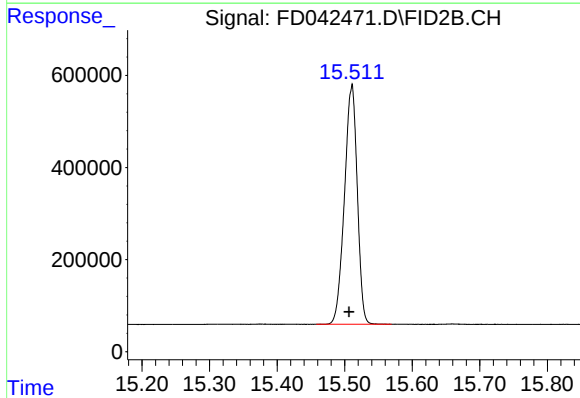
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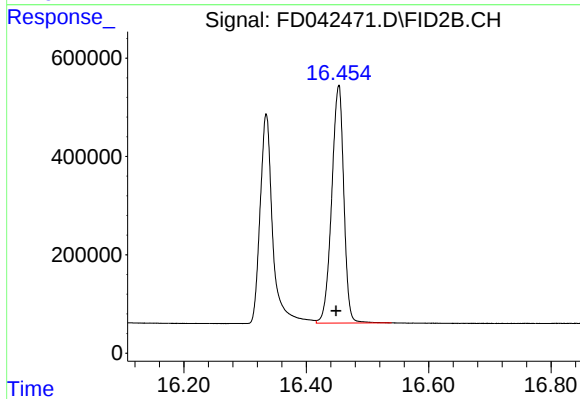
#14 n-Tetracosane (C24)

R.T.: 14.494 min
Delta R.T.: 0.000 min
Response: 7826565
Conc: 50.61 ug/ml



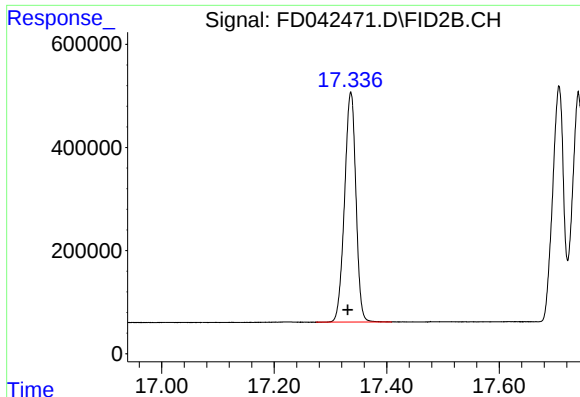
#15 n-Hexacosane (C26)

R.T.: 15.511 min
Delta R.T.: 0.004 min
Response: 6851501
Conc: 44.54 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.453 min
Delta R.T.: 0.004 min
Response: 6641130
Conc: 43.44 ug/ml



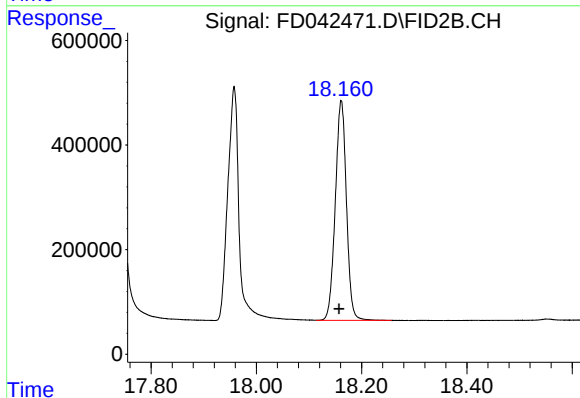
#17 n-Tricontane (C30)

R.T.: 17.336 min
Delta R.T.: 0.006 min
Response: 6247647
Conc: 41.65 ug/ml

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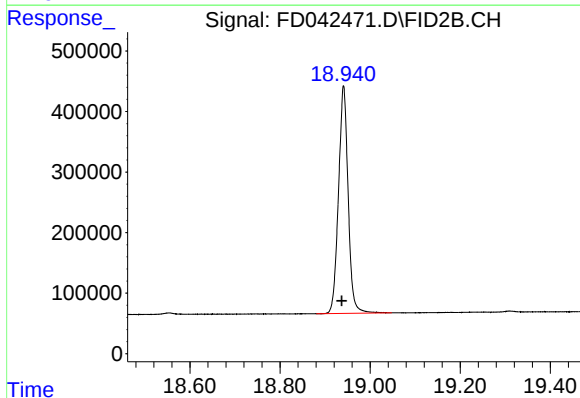
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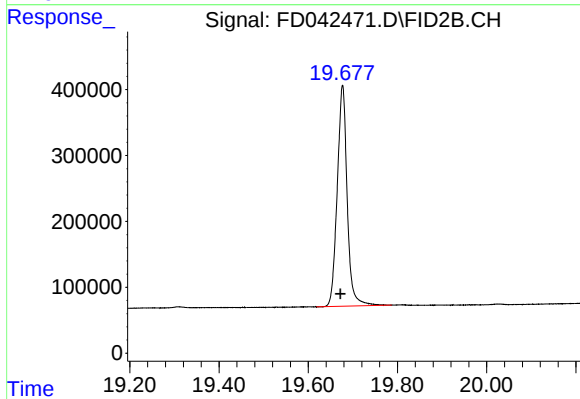
#18 n-Dotriacontane (C32)

R.T.: 18.161 min
Delta R.T.: 0.004 min
Response: 6185313
Conc: 43.74 ug/ml



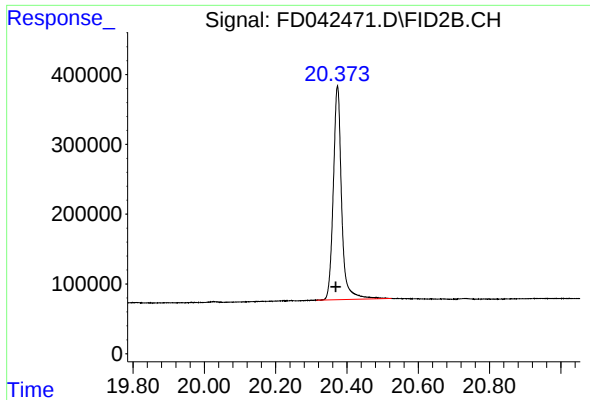
#19 n-Tetratriacontane (C34)

R.T.: 18.941 min
Delta R.T.: 0.004 min
Response: 5573269
Conc: 43.31 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.677 min
Delta R.T.: 0.005 min
Response: 5194187
Conc: 45.90 ug/ml



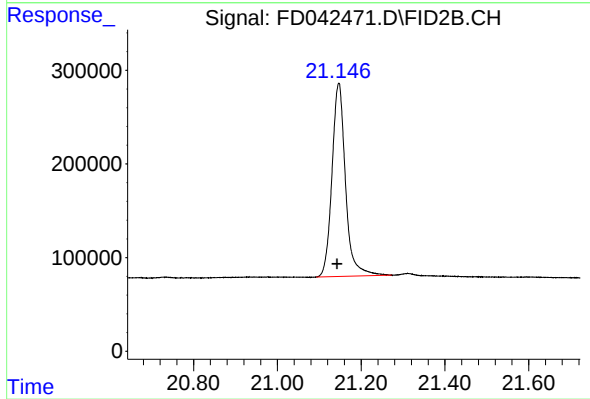
#21 n-Octatriacontane (C38)

R.T.: 20.374 min
Delta R.T.: 0.005 min
Response: 4964109
Conc: 49.75 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.146 min
Delta R.T.: 0.004 min
Response: 4624371
Conc: 51.27 ug/ml m