

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051022AL\
 Data File : FD042407.D
 Signal(s) : FID2B.CH
 Acq On : 11 May 2022 5:01
 Operator : UA/NP
 Sample : PB144710BSD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB144710BSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/11/2022

Supervised By :mohammad ahmed 05/11/2022

Integration File: sample.E

Quant Time: May 11 07:24:07 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)	11.212	7731956	46.104 ug/ml
Spiked Amount 50.000		Recovery =	92.21%
12) S 1-chlorooctadecane (S...	12.651	6196217	46.956 ug/ml
Spiked Amount 50.000		Recovery =	93.91%
Target Compounds			
1) T n-Nonane (C9)	3.104	6472439	47.486 ug/ml
2) T n-Decane (C10)	4.139	7099597	52.977 ug/ml
3) T A~Naphthalene (C11.7)	5.681	8349275	57.600 ug/ml
4) T n-Dodecane (C12)	6.124	7570912	53.179 ug/ml
5) T A~2-methylnaphthalene...	6.725	8111177	58.206 ug/ml
6) T n-Tetradecane (C14)	7.900	7692601	54.004 ug/ml
7) T n-Hexadecane (C16)	9.485	7710745	53.061 ug/ml
8) T n-Octadecane (C18)	10.915	7863493	52.467 ug/ml
10) T n-Eicosane (C20)	12.215	7434476	48.571 ug/ml
11) T n-Heneicosane (C21)	12.821	7293765	47.311 ug/ml
13) T n-Docosane (C22)	13.403	7152529	46.402 ug/ml
14) T n-Tetracosane (C24)	14.497	7632281	49.351 ug/ml
15) T n-Hexacosane (C26)	15.513	6816226	44.314 ug/ml
16) T n-Octacosane (C28)	16.455	6764994	44.247 ug/ml
17) T n-Tricontane (C30)	17.340	6479432	43.197 ug/ml
18) T n-Dotriacontane (C32)	18.165	6458078	45.673 ug/ml
19) T n-Tetratriacontane (C34)	18.944	5796251	45.040 ug/ml
20) T n-Hexatriacontane (C36)	19.679	5329481	47.097 ug/ml
21) T n-Octatriacontane (C38)	20.375	4928000	49.390 ug/mlm
22) T n-Tetracontane (C40)	21.150	4514425	50.050 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : UA/NP
Sample : PB144710BSD
Misc :
ALS Vial : 73 Sample Multiplier: 1

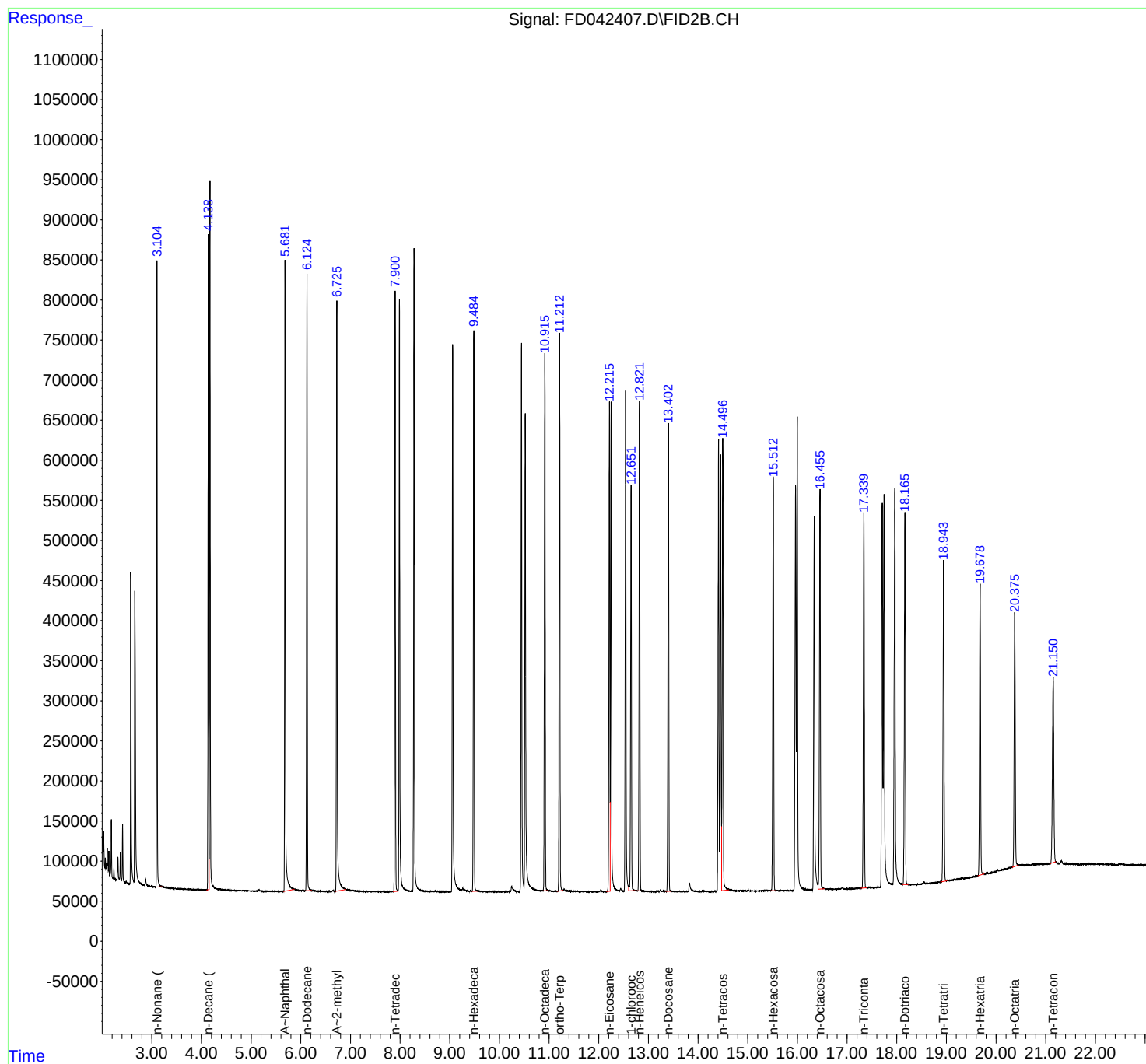
Instrument :
FID_D
ClientSampleId :
PB144710BSD

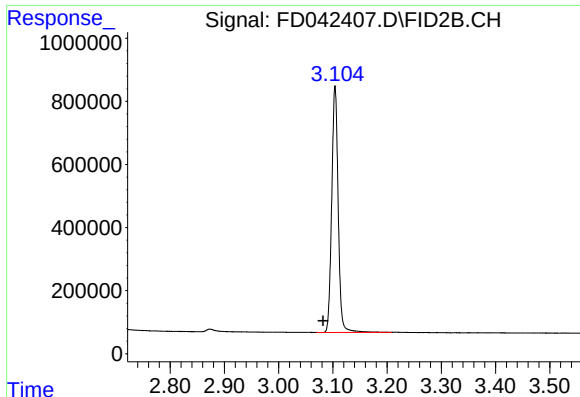
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Signal Info : 20M x 0.18mm x 0.18um





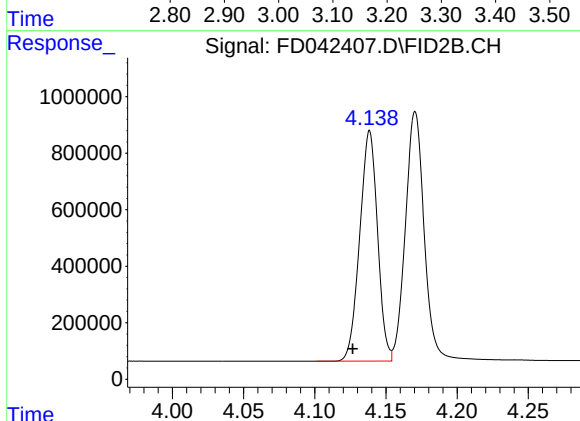
#1 n-Nonane (C9)

R.T.: 3.104 min
Delta R.T.: 0.022 min
Response: 6472439
Conc: 47.49 ug/ml

Instrument :
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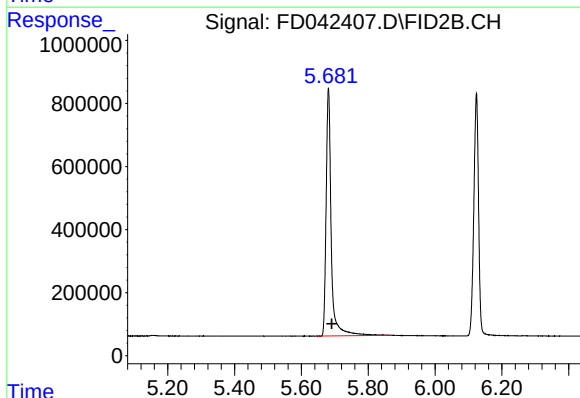
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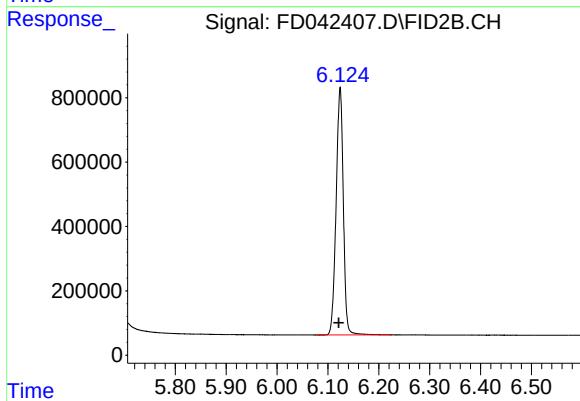
#2 n-Decane (C10)

R.T.: 4.139 min
Delta R.T.: 0.012 min
Response: 7099597
Conc: 52.98 ug/ml



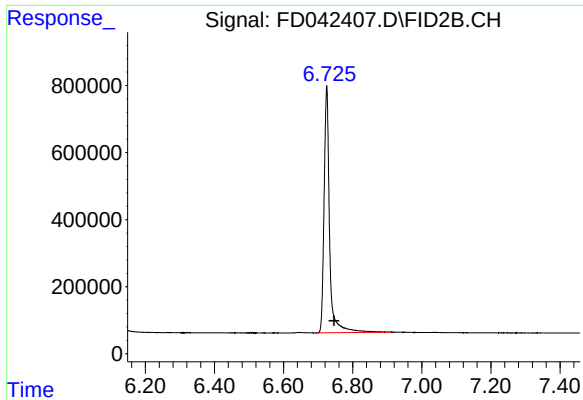
#3 A~Naphthalene (C11.7)

R.T.: 5.681 min
Delta R.T.: -0.010 min
Response: 8349275
Conc: 57.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.124 min
Delta R.T.: 0.003 min
Response: 7570912
Conc: 53.18 ug/ml



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

R.T.: 6.725 min
Delta R.T.: -0.021 min
Response: 8111177
Conc: 58.21 ug/ml

Instrument :

FID_D

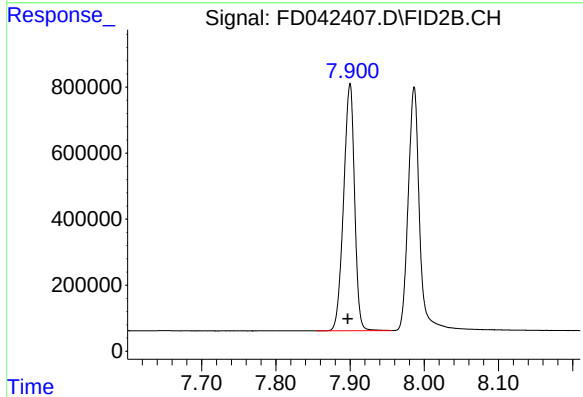
ClientSampleId :

PB144710BSD

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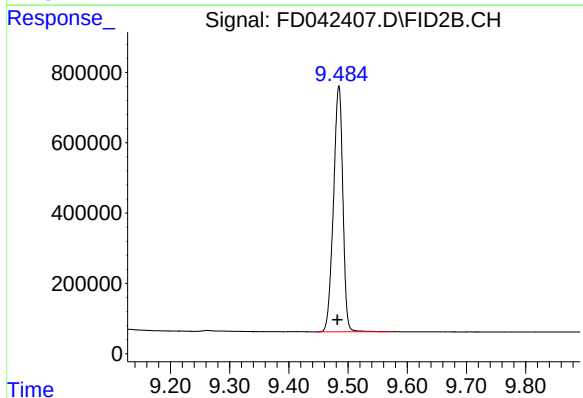
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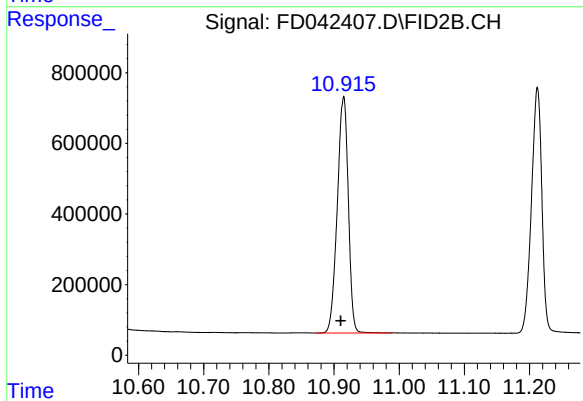
#6 n-Tetradecane (C14)

R.T.: 7.900 min
Delta R.T.: 0.003 min
Response: 7692601
Conc: 54.00 ug/ml



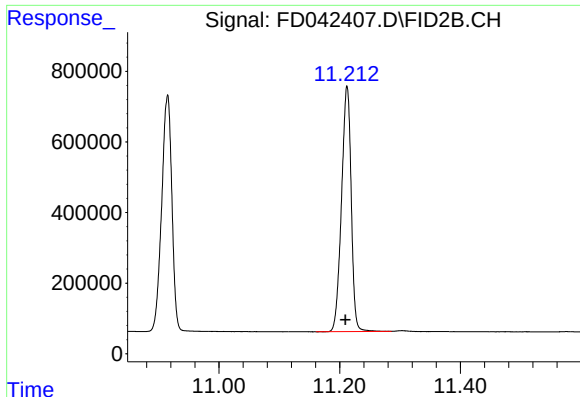
#7 n-Hexadecane (C16)

R.T.: 9.485 min
Delta R.T.: 0.002 min
Response: 7710745
Conc: 53.06 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.915 min
Delta R.T.: 0.004 min
Response: 7863493
Conc: 52.47 ug/ml



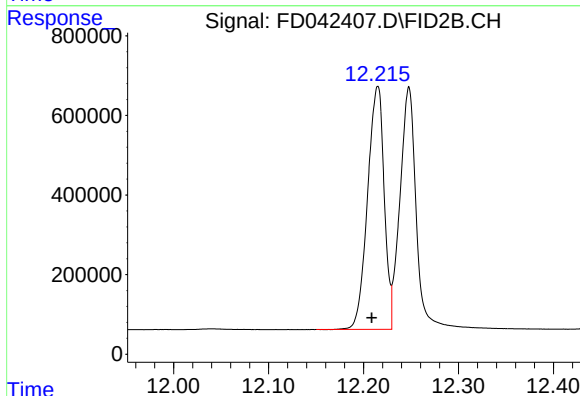
#9 ortho-Terphenyl (SURR)

R.T.: 11.212 min
Delta R.T.: 0.003 min
Response: 7731956
Conc: 46.10 ug/ml

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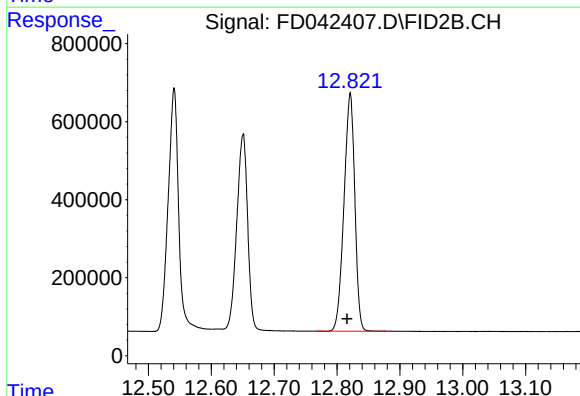
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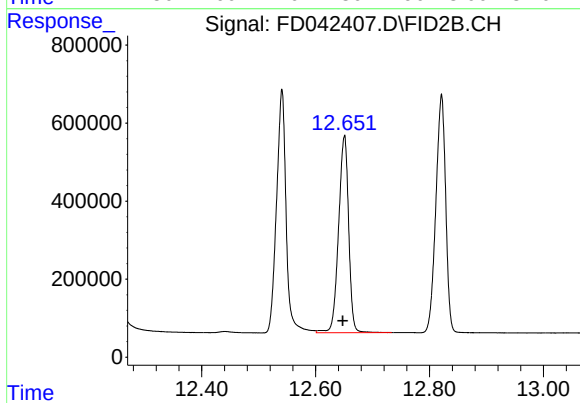
#10 n-Eicosane (C20)

R.T.: 12.215 min
Delta R.T.: 0.006 min
Response: 7434476
Conc: 48.57 ug/ml



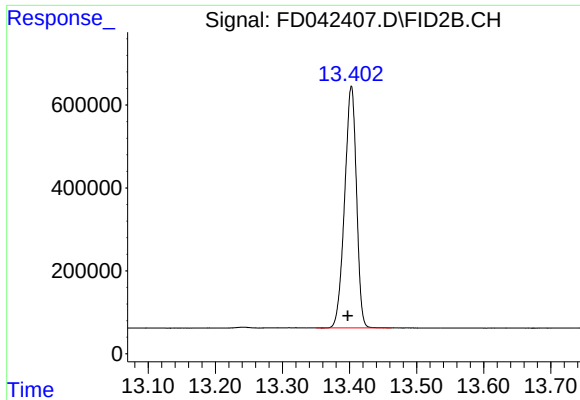
#11 n-Heneicosane (C21)

R.T.: 12.821 min
Delta R.T.: 0.005 min
Response: 7293765
Conc: 47.31 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.651 min
Delta R.T.: 0.003 min
Response: 6196217
Conc: 46.96 ug/ml



#13 n-Docosane (C22)

R.T.: 13.403 min
Delta R.T.: 0.005 min
Response: 7152529
Conc: 46.40 ug/ml

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FID_D

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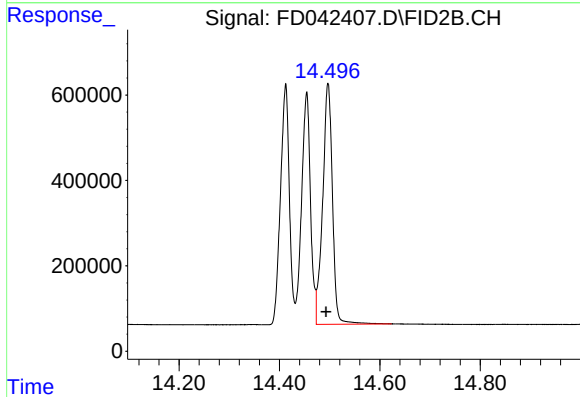
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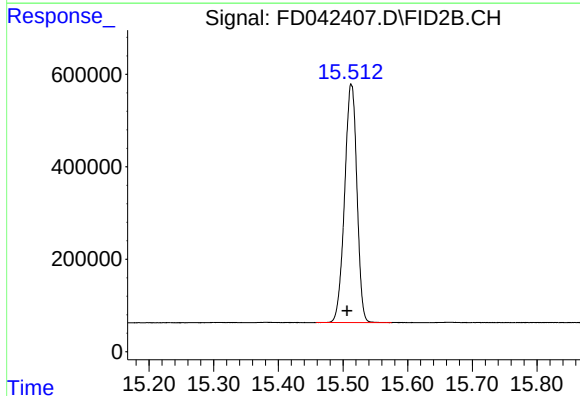
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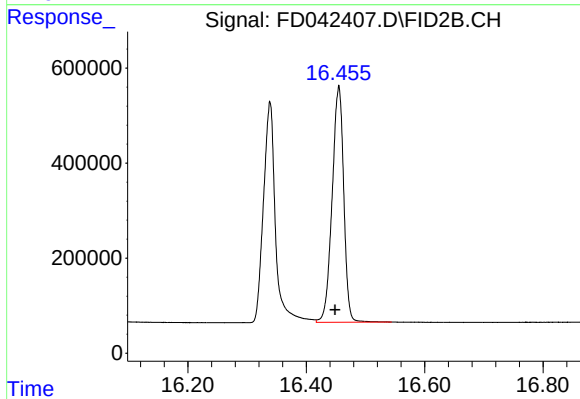
#14 n-Tetracosane (C24)

R.T.: 14.497 min
Delta R.T.: 0.004 min
Response: 7632281
Conc: 49.35 ug/ml



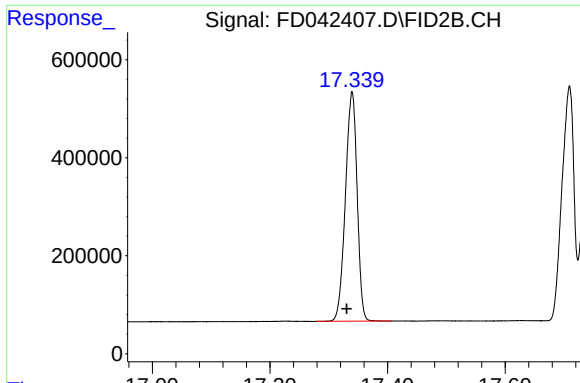
#15 n-Hexacosane (C26)

R.T.: 15.513 min
Delta R.T.: 0.007 min
Response: 6816226
Conc: 44.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.455 min
Delta R.T.: 0.006 min
Response: 6764994
Conc: 44.25 ug/ml



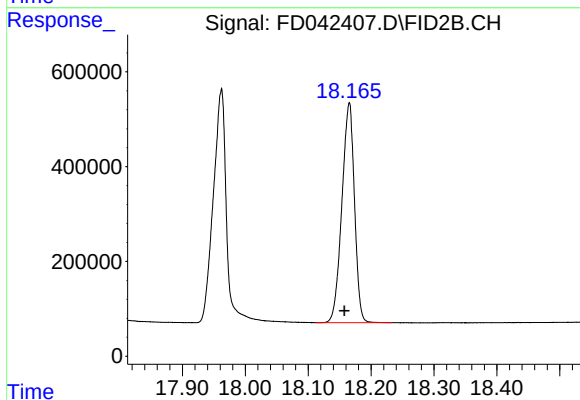
#17 n-Tricontane (C30)

R.T.: 17.340 min
Delta R.T.: 0.009 min
Response: 6479432
Conc: 43.20 ug/ml

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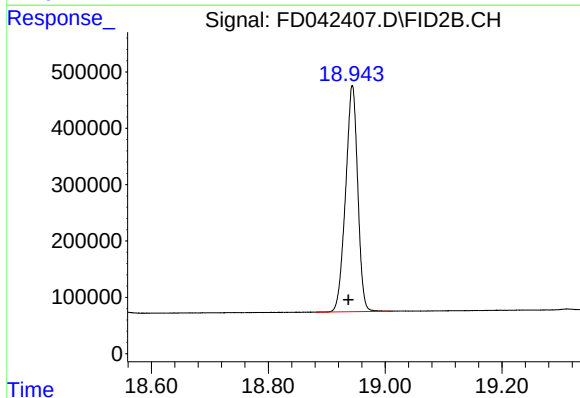
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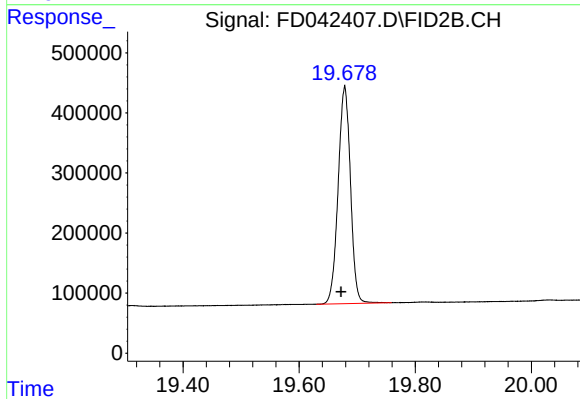
#18 n-Dotriacontane (C32)

R.T.: 18.165 min
Delta R.T.: 0.008 min
Response: 6458078
Conc: 45.67 ug/ml



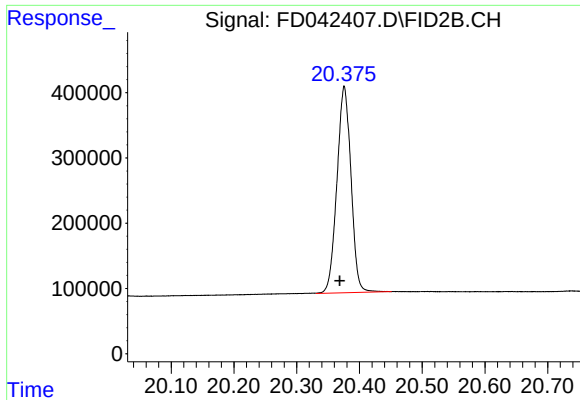
#19 n-Tetratriacontane (C34)

R.T.: 18.944 min
Delta R.T.: 0.007 min
Response: 5796251
Conc: 45.04 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.679 min
Delta R.T.: 0.007 min
Response: 5329481
Conc: 47.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.375 min
Delta R.T.: 0.007 min
Response: 4928000
Conc: 49.39 ug/ml

Instrument :

FID_D

ClientSampleId :

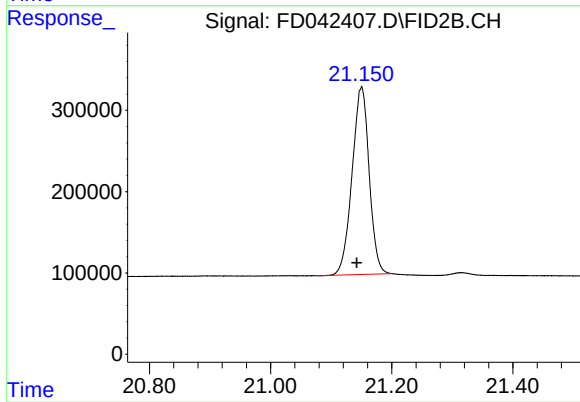
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#22 n-Tetracontane (C40)

R.T.: 21.150 min
Delta R.T.: 0.008 min
Response: 4514425
Conc: 50.05 ug/ml