

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052722AL\
 Data File : FD042663.D
 Signal(s) : FID2B.CH
 Acq On : 28 May 2022 1:21
 Operator : UA/NP
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: May 28 07:51:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 07:48:33 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)	11.584	7833854	46.724 ug/ml
Spiked Amount 50.000		Recovery =	93.45%
12) S 1-chlorooctadecane (S...	13.016	6179218	46.802 ug/ml
Spiked Amount 50.000		Recovery =	93.60%
Target Compounds			
1) T n-Nonane (C9)	3.355	6517717	46.500 ug/ml
2) T n-Decane (C10)	4.423	6490104	46.514 ug/ml
3) T A~Naphthalene (C11.7)	6.005	7397383	46.521 ug/ml
4) T n-Dodecane (C12)	6.439	6671304	46.649 ug/ml
5) T A~2-methylnaphthalene...	7.060	7531347	46.554 ug/ml
6) T n-Tetradecane (C14)	8.231	6793208	46.819 ug/ml
7) T n-Hexadecane (C16)	9.829	6966526	46.889 ug/ml
8) T n-Octadecane (C18)	11.268	7110669	46.846 ug/ml
10) T n-Eicosane (C20)	12.573	7107029	46.749 ug/ml
11) T n-Heneicosane (C21)	13.183	7143574	46.598 ug/ml
13) T n-Docosane (C22)	13.768	7135192	46.608 ug/ml
14) T n-Tetracosane (C24)	14.867	7084052	46.454 ug/ml
15) T n-Hexacosane (C26)	15.885	6916580	46.404 ug/ml
16) T n-Octacosane (C28)	16.833	6677087	46.611 ug/ml
17) T n-Tricontane (C30)	17.718	6296124	46.761 ug/ml
18) T n-Dotriacontane (C32)	18.548	5699844	47.172 ug/ml
19) T n-Tetratriacontane (C34)	19.328	5127406	47.435 ug/ml
20) T n-Hexatriacontane (C36)	20.066	4760228	48.012 ug/ml
21) T n-Octatriacontane (C38)	20.798	4424257	47.239 ug/ml
22) T n-Tetracontane (C40)	21.700	4190796	49.453 ug/ml

(f)=RT Delta > 1/2 Window

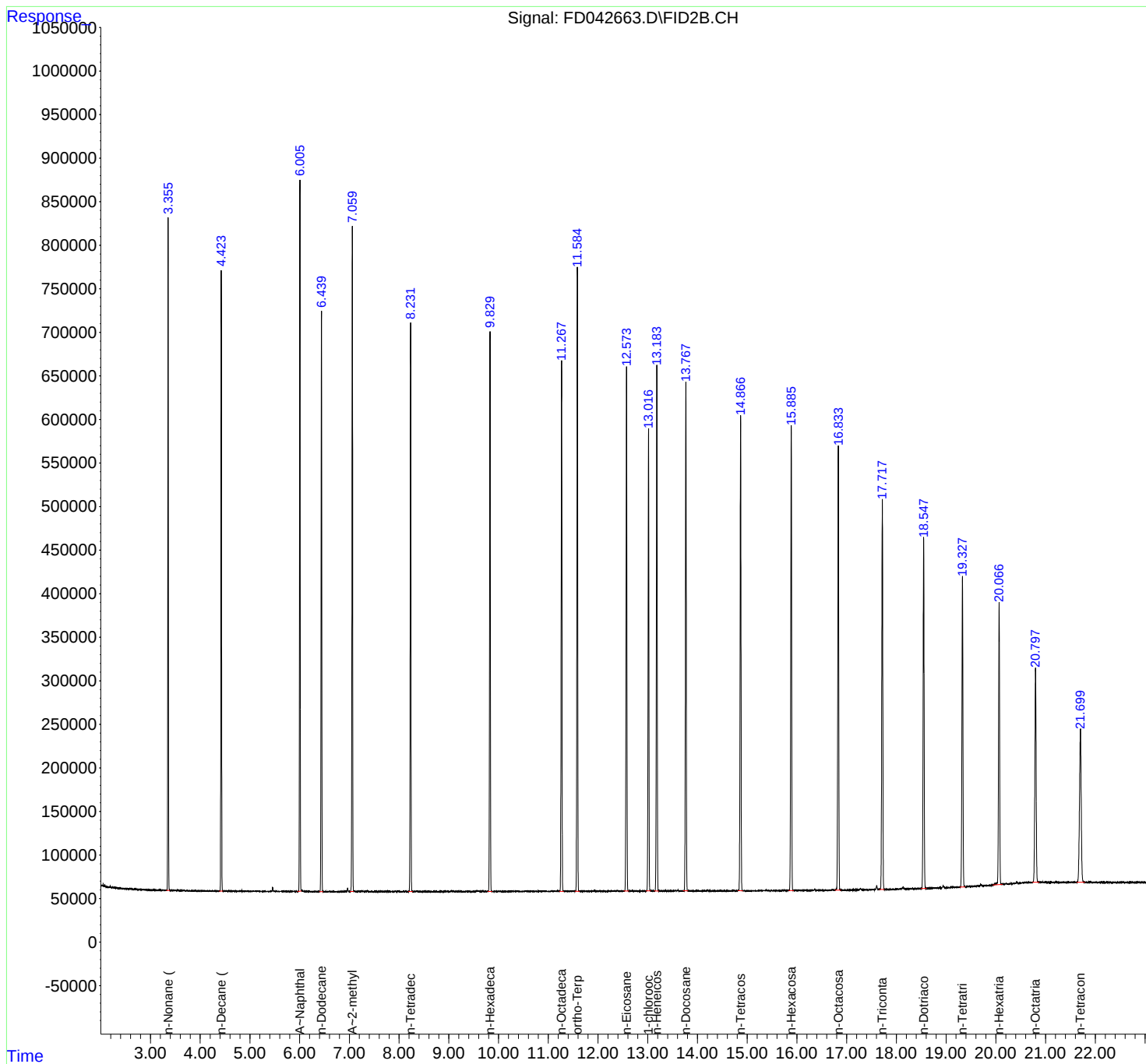
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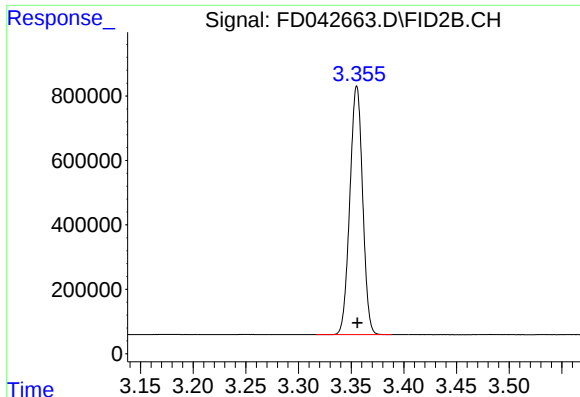
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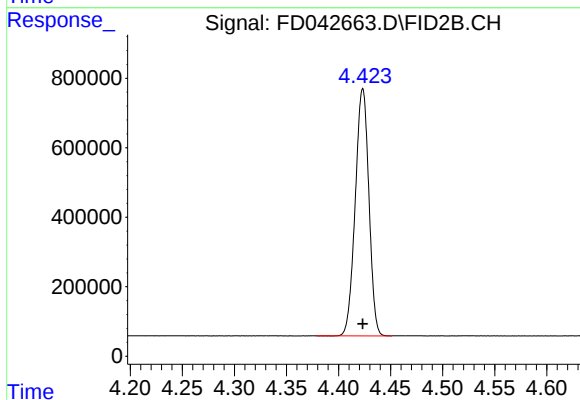




#1 n-Nonane (C9)

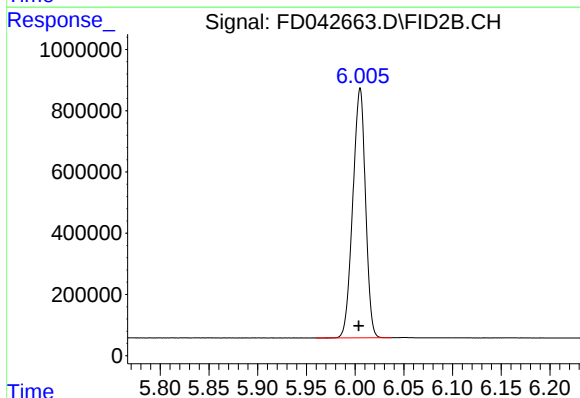
R.T.: 3.355 min
Delta R.T.: 0.000 min
Response: 6517717
Conc: 46.50 ug/ml

Instrument :
FID_D
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50 PPM ALIPHATIC HC STD2



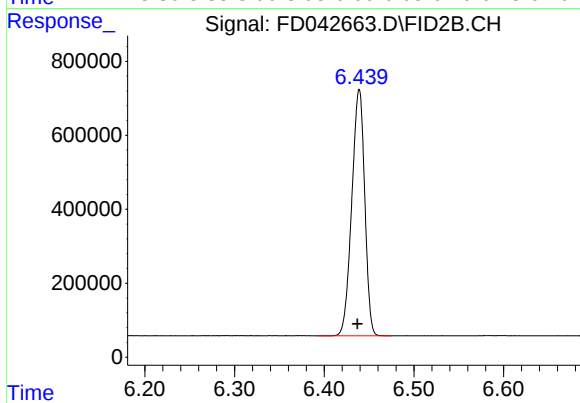
#2 n-Decane (C10)

R.T.: 4.423 min
Delta R.T.: 0.000 min
Response: 6490104
Conc: 46.51 ug/ml



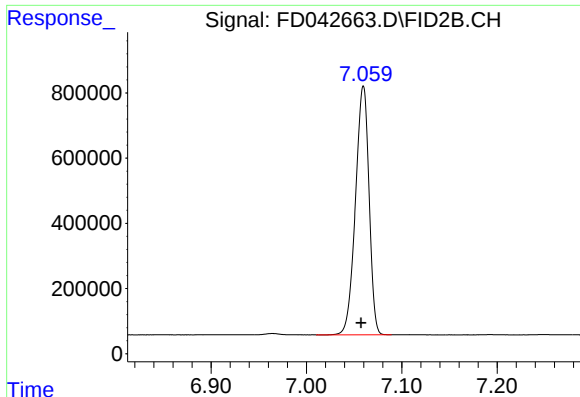
#3 A~Naphthalene (C11.7)

R.T.: 6.005 min
Delta R.T.: 0.001 min
Response: 7397383
Conc: 46.52 ug/ml



#4 n-Dodecane (C12)

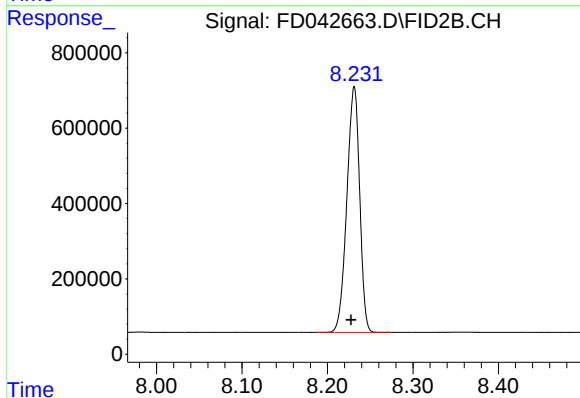
R.T.: 6.439 min
Delta R.T.: 0.002 min
Response: 6671304
Conc: 46.65 ug/ml



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

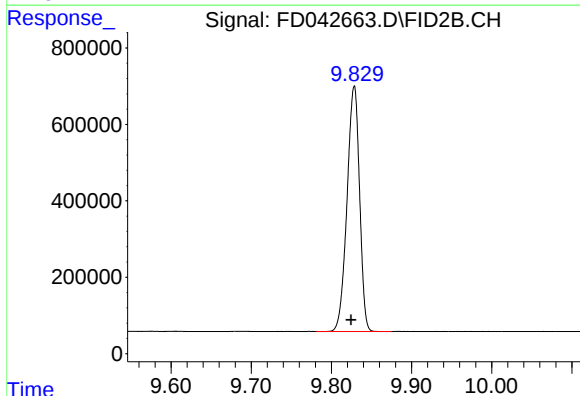
R.T.: 7.060 min
Delta R.T.: 0.003 min
Response: 7531347
Conc: 46.55 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



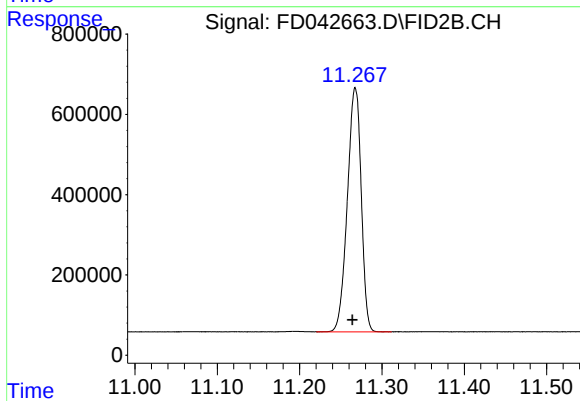
#6 n-Tetradecane (C14)

R.T.: 8.231 min
Delta R.T.: 0.004 min
Response: 6793208
Conc: 46.82 ug/ml



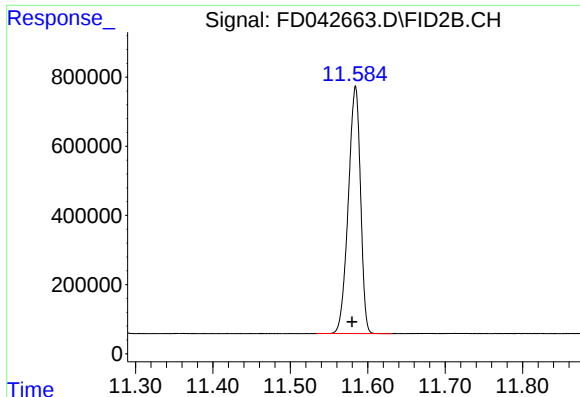
#7 n-Hexadecane (C16)

R.T.: 9.829 min
Delta R.T.: 0.004 min
Response: 6966526
Conc: 46.89 ug/ml



#8 n-Octadecane (C18)

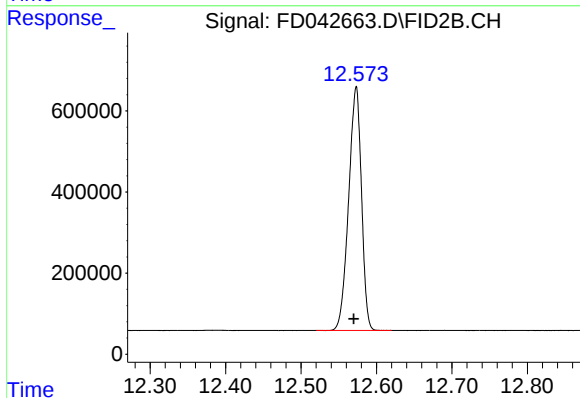
R.T.: 11.268 min
Delta R.T.: 0.004 min
Response: 7110669
Conc: 46.85 ug/ml



#9 ortho-Terphenyl (SURR)

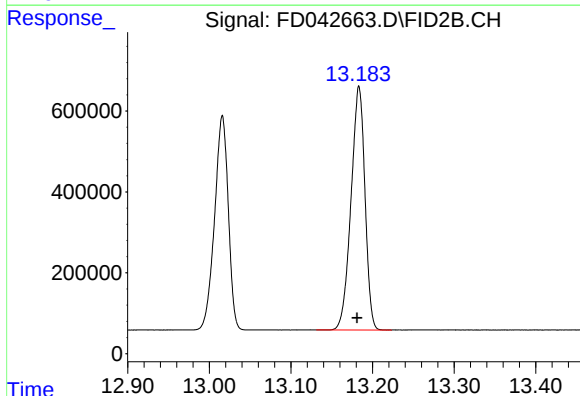
R.T.: 11.584 min
Delta R.T.: 0.004 min
Response: 7833854
Conc: 46.72 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



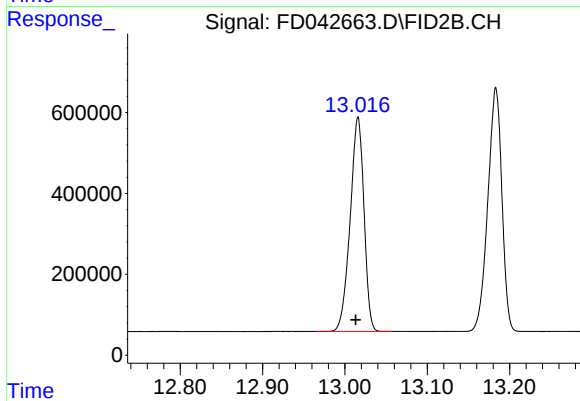
#10 n-Eicosane (C20)

R.T.: 12.573 min
Delta R.T.: 0.003 min
Response: 7107029
Conc: 46.75 ug/ml



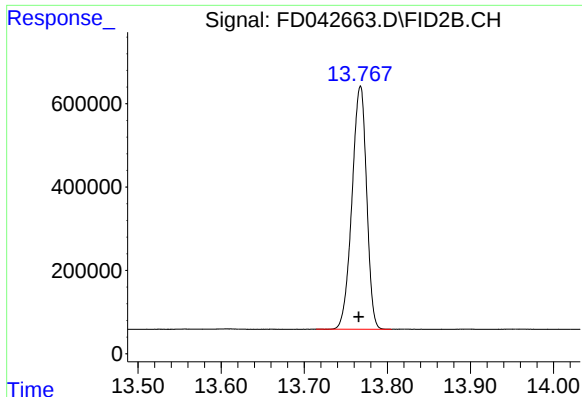
#11 n-Heneicosane (C21)

R.T.: 13.183 min
Delta R.T.: 0.003 min
Response: 7143574
Conc: 46.60 ug/ml



#12 1-chlorooctadecane (SURR)

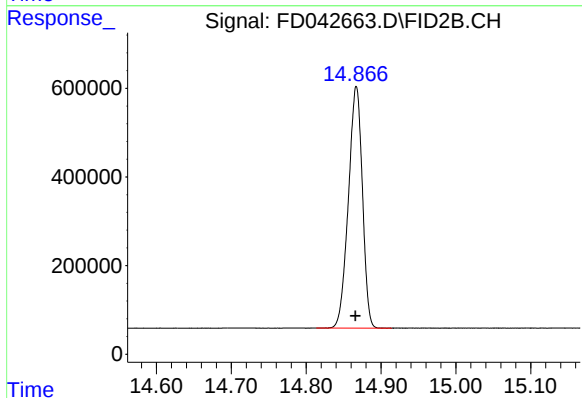
R.T.: 13.016 min
Delta R.T.: 0.003 min
Response: 6179218
Conc: 46.80 ug/ml



#13 n-Docosane (C22)

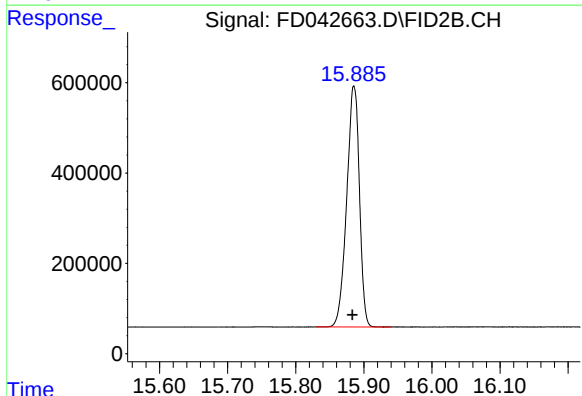
R.T.: 13.768 min
Delta R.T.: 0.002 min
Response: 7135192
Conc: 46.61 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



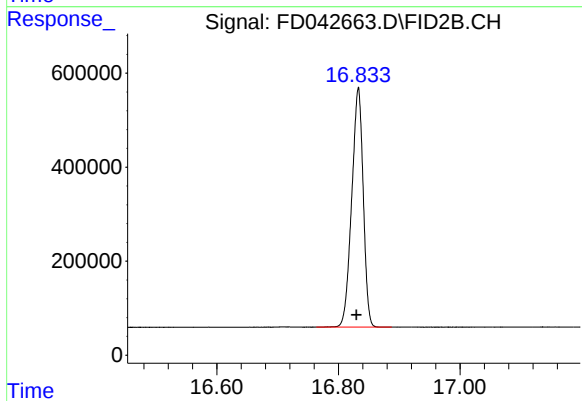
#14 n-Tetracosane (C24)

R.T.: 14.867 min
Delta R.T.: 0.001 min
Response: 7084052
Conc: 46.45 ug/ml



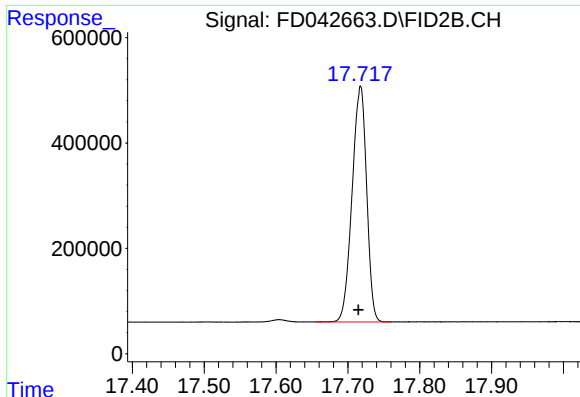
#15 n-Hexacosane (C26)

R.T.: 15.885 min
Delta R.T.: 0.002 min
Response: 6916580
Conc: 46.40 ug/ml



#16 n-Octacosane (C28)

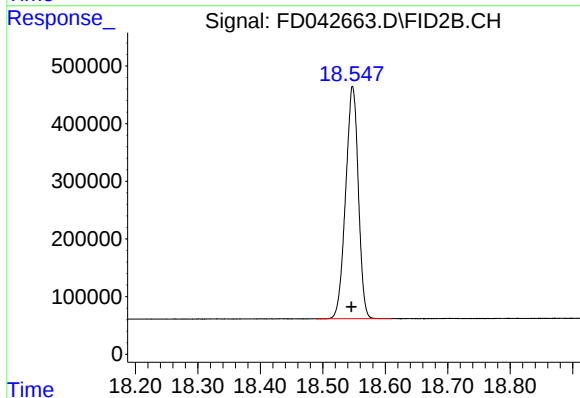
R.T.: 16.833 min
Delta R.T.: 0.004 min
Response: 6677087
Conc: 46.61 ug/ml



#17 n-Tricontane (C30)

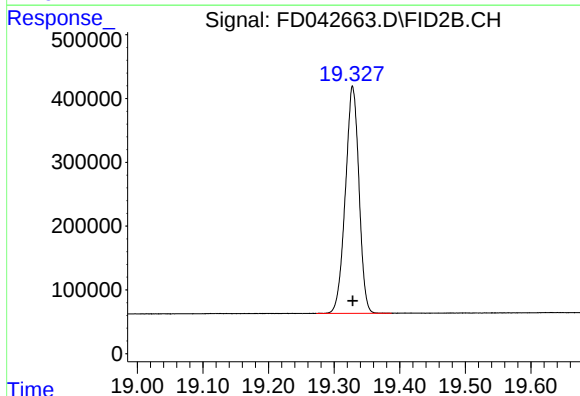
R.T.: 17.718 min
Delta R.T.: 0.003 min
Response: 6296124
Conc: 46.76 ug/ml

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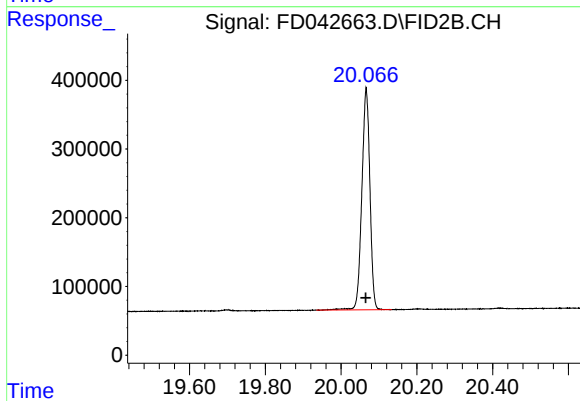
#18 n-Dotriacontane (C32)

R.T.: 18.548 min
Delta R.T.: 0.002 min
Response: 5699844
Conc: 47.17 ug/ml



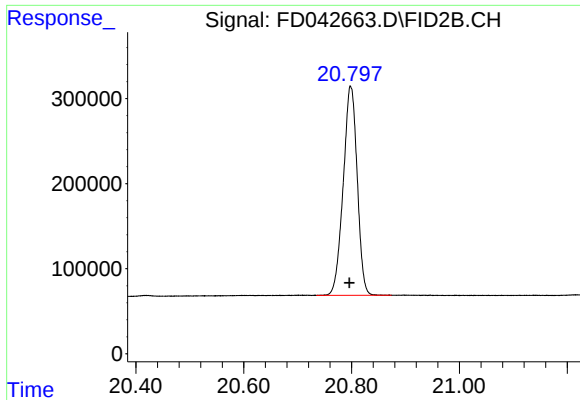
#19 n-Tetratriacontane (C34)

R.T.: 19.328 min
Delta R.T.: 0.000 min
Response: 5127406
Conc: 47.43 ug/ml



#20 n-Hexatriacontane (C36)

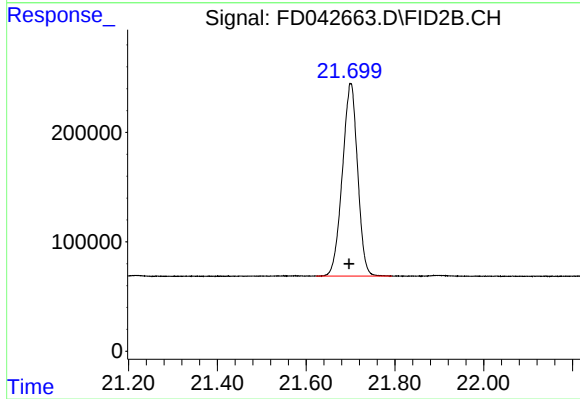
R.T.: 20.066 min
Delta R.T.: 0.000 min
Response: 4760228
Conc: 48.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.798 min
Delta R.T.: 0.002 min
Response: 4424257
Conc: 47.24 ug/ml

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FID_D
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#22 n-Tetracontane (C40)

R.T.: 21.700 min
Delta R.T.: 0.003 min
Response: 4190796
Conc: 49.45 ug/ml