

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021422AL\
 Data File : FD041008.D
 Signal(s) : FID2B.CH
 Acq On : 14 Feb 2022 17:23
 Operator : YP\AJ
 Sample : PB142643BSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB142643BSD

Integration File: autoint1.e
 Quant Time: Feb 15 00:59:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 09 03:32:15 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			
12) S 1-chlorooctadecane (S...	12.673	843326	40.283 ug/ml
Spiked Amount 50.000		Recovery =	80.57%
Target Compounds			
1) T n-Nonane (C9)	3.080	573098	25.445 ug/ml
2) T n-Decane (C10)	4.139	752489	33.435 ug/ml
4) T n-Dodecane (C12)	6.141	932620	40.618 ug/ml
6) T n-Tetradecane (C14)	7.919	997153	42.344 ug/ml
7) T n-Hexadecane (C16)	9.505	1074640	44.698 ug/ml
8) T n-Octadecane (C18)	10.936	1146427	45.684 ug/ml
10) T n-Eicosane (C20)	12.236	1142607	45.621 ug/ml
11) T n-Heneicosane (C21)	12.844	1141875	44.963 ug/ml
13) T n-Docosane (C22)	13.426	1133855	45.300 ug/ml
14) T n-Tetracosane (C24)	14.523	1124356	45.271 ug/ml
15) T n-Hexacosane (C26)	15.536	1114269	45.963 ug/ml
16) T n-Octacosane (C28)	16.481	1115001	46.306 ug/ml
17) T n-Tricontane (C30)	17.364	1113206	46.718 ug/ml
18) T n-Dotriacontane (C32)	18.191	1099735	49.033 ug/ml
19) T n-Tetratriacontane (C34)	18.972	1125345	52.220 ug/ml
20) T n-Hexatriacontane (C36)	19.707	1120228	56.341 ug/ml
21) T n-Octatriacontane (C38)	20.405	1102893	58.213 ug/ml
22) T n-Tetracontane (C40)	21.186	1137907	58.788 ug/ml

(f)=RT Delta > 1/2 Window

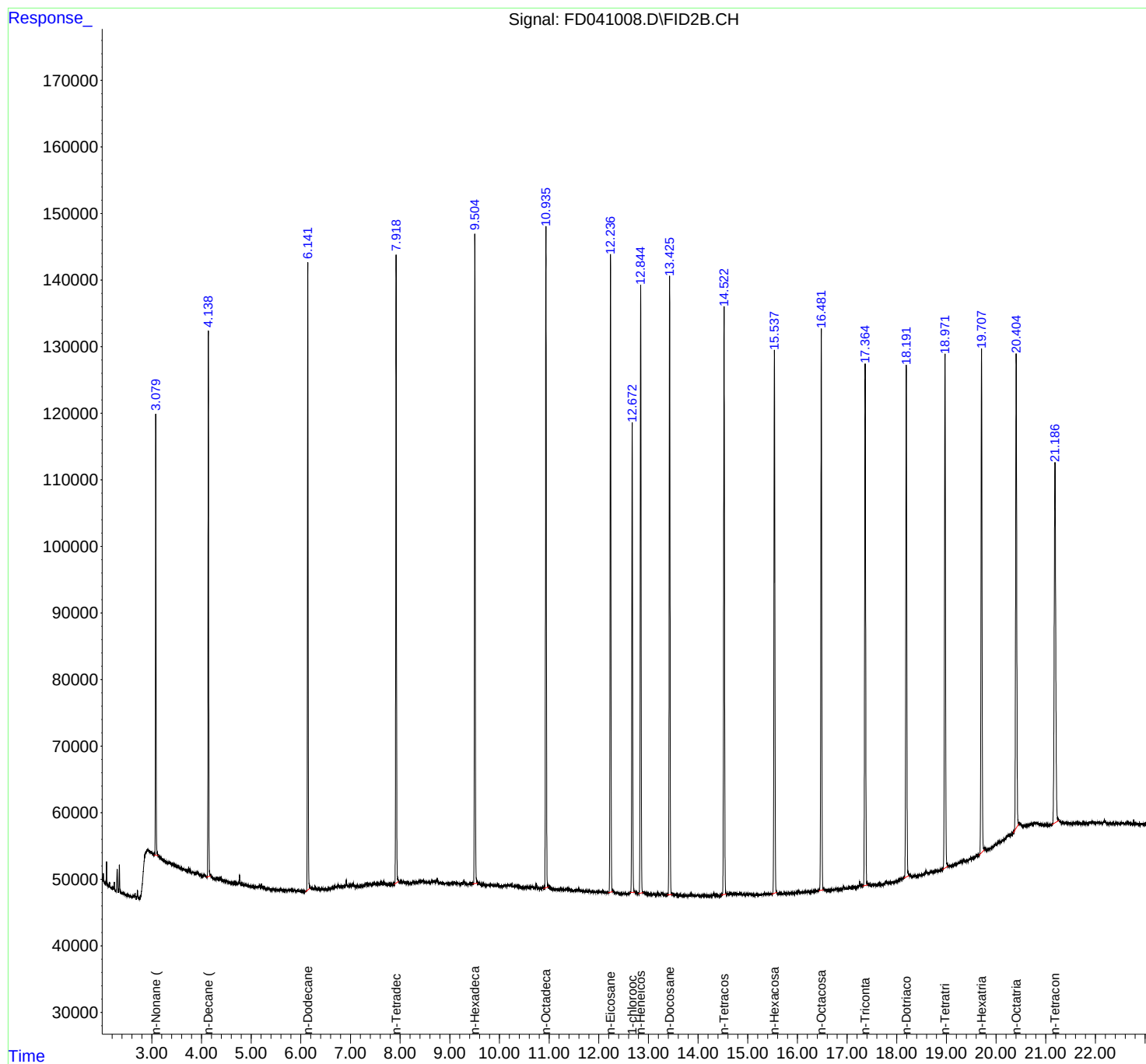
(m)=manual int.

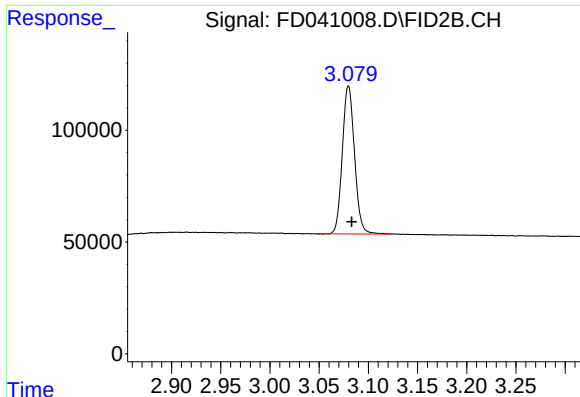
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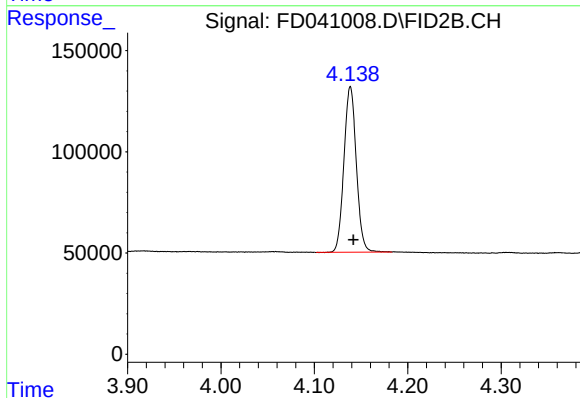




#1 n-Nonane (C9)

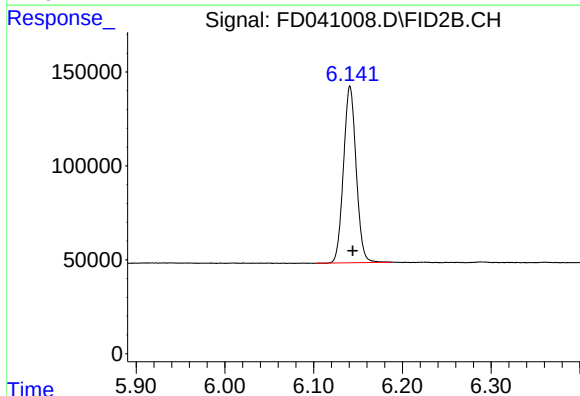
R.T.: 3.080 min
Delta R.T.: -0.003 min
Response: 573098
Conc: 25.44 ug/ml

Instrument :
FID_D
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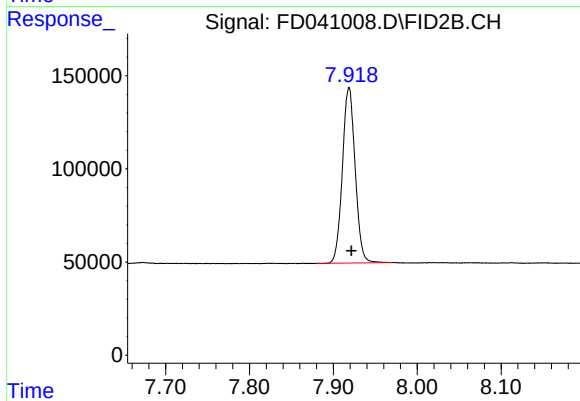
#2 n-Decane (C10)

R.T.: 4.139 min
Delta R.T.: -0.003 min
Response: 752489
Conc: 33.44 ug/ml



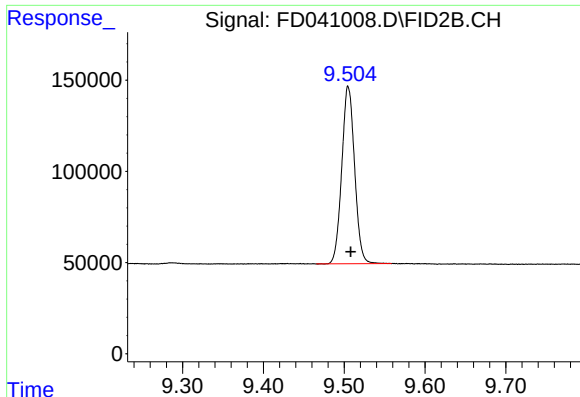
#4 n-Dodecane (C12)

R.T.: 6.141 min
Delta R.T.: -0.003 min
Response: 932620
Conc: 40.62 ug/ml



#6 n-Tetradecane (C14)

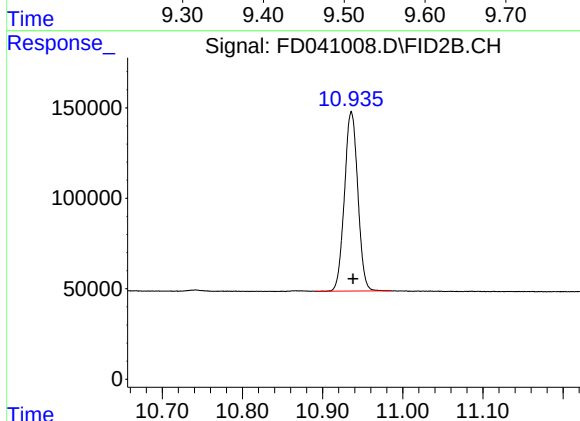
R.T.: 7.919 min
Delta R.T.: -0.003 min
Response: 997153
Conc: 42.34 ug/ml



#7 n-Hexadecane (C16)

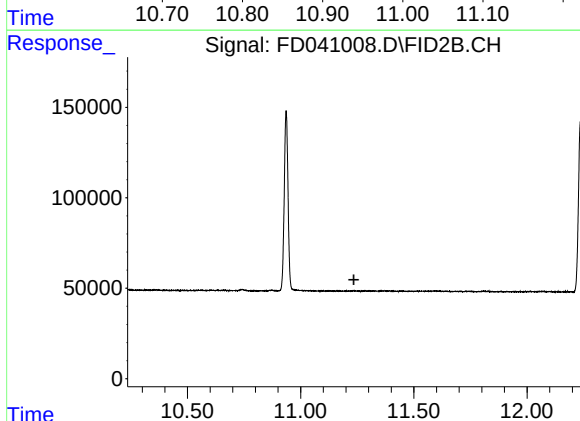
R.T.: 9.505 min
Delta R.T.: -0.003 min
Response: 1074640
Conc: 44.70 ug/ml

Instrument :
FID_D
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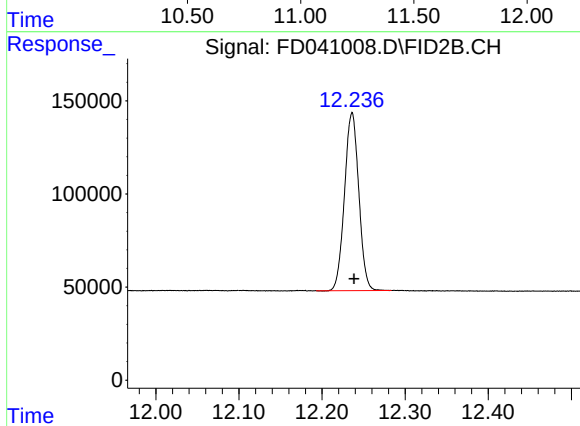
#8 n-Octadecane (C18)

R.T.: 10.936 min
Delta R.T.: -0.002 min
Response: 1146427
Conc: 45.68 ug/ml



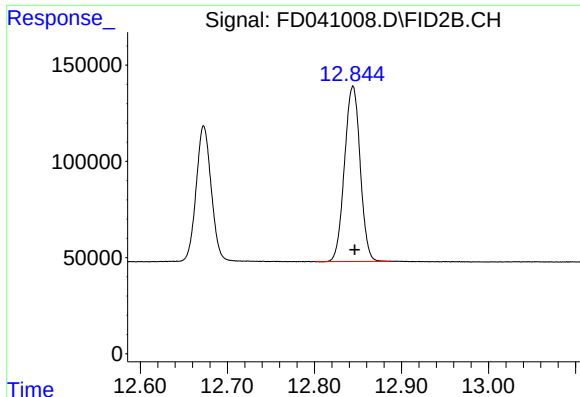
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.235 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

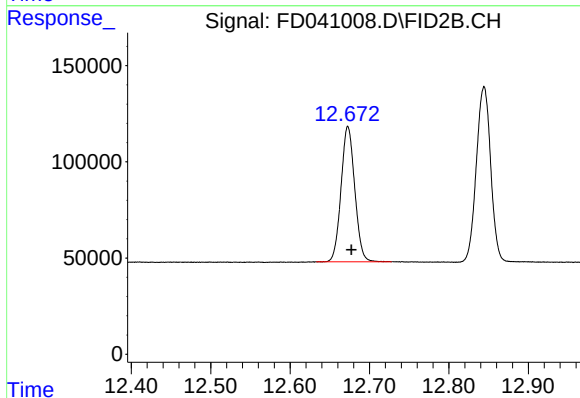
R.T.: 12.236 min
Delta R.T.: -0.002 min
Response: 1142607
Conc: 45.62 ug/ml



#11 n-Heneicosane (C21)

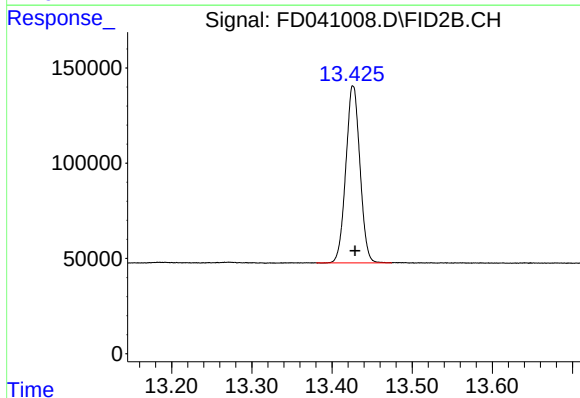
R.T.: 12.844 min
Delta R.T.: -0.002 min
Response: 1141875
Conc: 44.96 ug/ml

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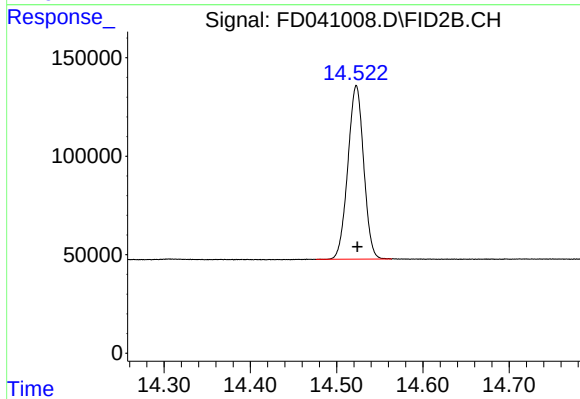
#12 1-chlorooctadecane (SURR)

R.T.: 12.673 min
Delta R.T.: -0.004 min
Response: 843326
Conc: 40.28 ug/ml



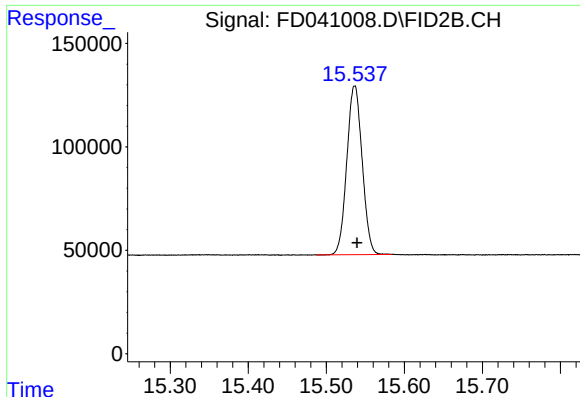
#13 n-Docosane (C22)

R.T.: 13.426 min
Delta R.T.: -0.002 min
Response: 1133855
Conc: 45.30 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.523 min
Delta R.T.: -0.001 min
Response: 1124356
Conc: 45.27 ug/ml



#15 n-Hexacosane (C26)

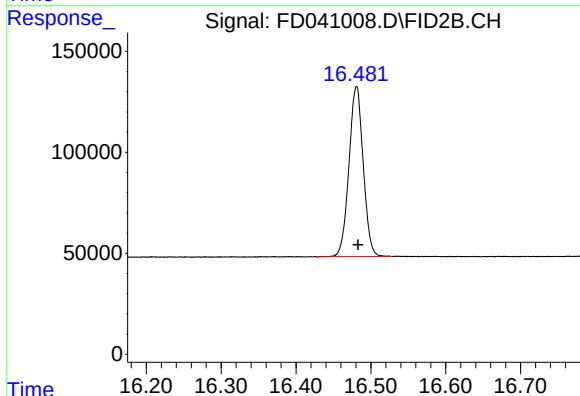
R.T.: 15.536 min
Delta R.T.: -0.003 min
Response: 1114269
Conc: 45.96 ug/ml

Instrument :

FID_D

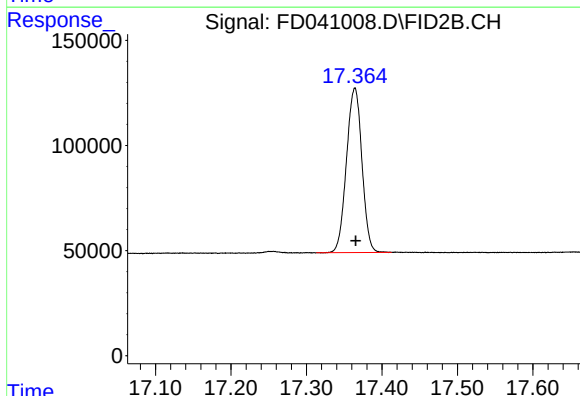
ClientSampleId :

PB142643BSD



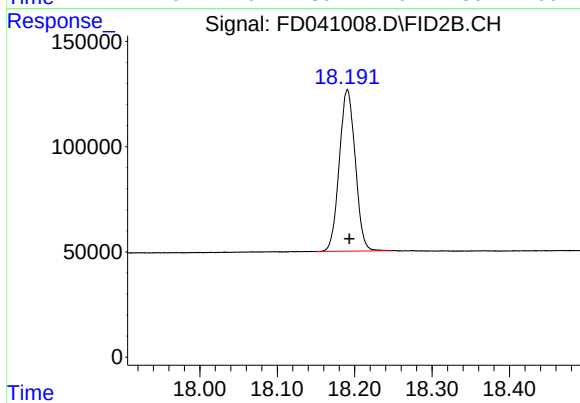
#16 n-Octacosane (C28)

R.T.: 16.481 min
Delta R.T.: -0.002 min
Response: 1115001
Conc: 46.31 ug/ml



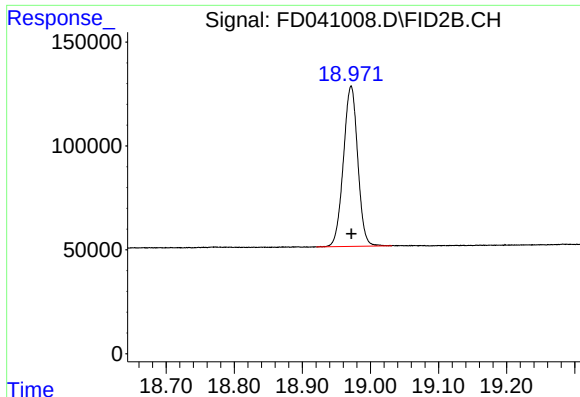
#17 n-Tricontane (C30)

R.T.: 17.364 min
Delta R.T.: -0.001 min
Response: 1113206
Conc: 46.72 ug/ml



#18 n-Dotriacontane (C32)

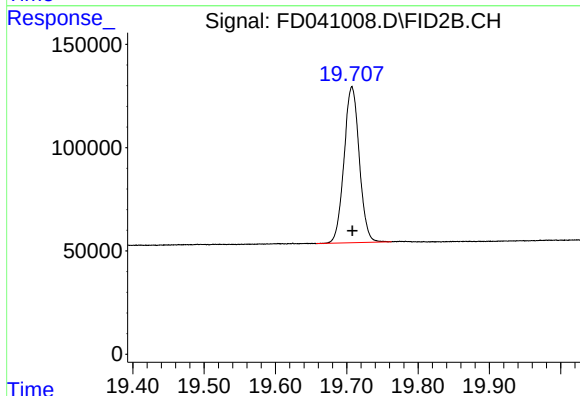
R.T.: 18.191 min
Delta R.T.: -0.003 min
Response: 1099735
Conc: 49.03 ug/ml



#19 n-Tetratriacontane (C34)

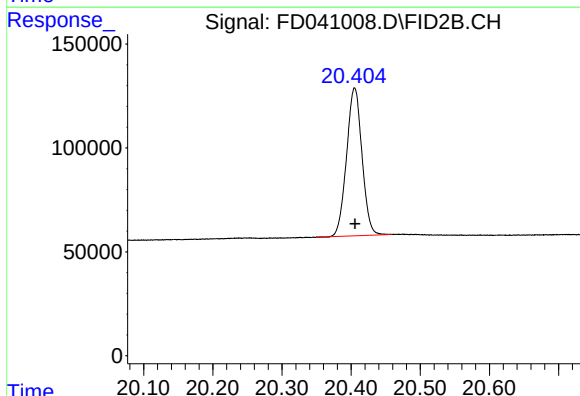
R.T.: 18.972 min
Delta R.T.: 0.000 min
Response: 1125345
Conc: 52.22 ug/ml

Instrument :
FID_D
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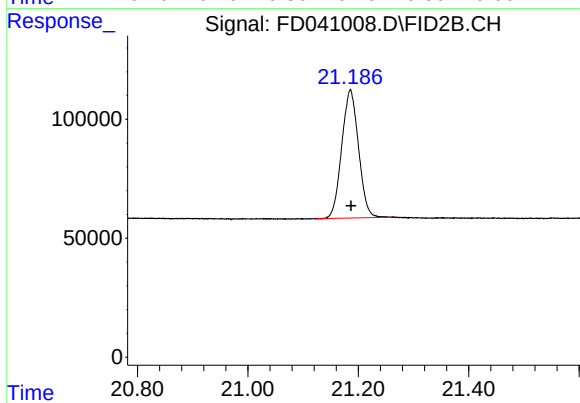
#20 n-Hexatriacontane (C36)

R.T.: 19.707 min
Delta R.T.: 0.000 min
Response: 1120228
Conc: 56.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.405 min
Delta R.T.: 0.000 min
Response: 1102893
Conc: 58.21 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.186 min
Delta R.T.: -0.001 min
Response: 1137907
Conc: 58.79 ug/ml