

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061721AL\
 Data File : FD037970.D
 Signal(s) : FID2B.CH
 Acq On : 18 Jun 2021 1:53
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 18 03:17:51 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 05:11:15 2021
 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)	11.439	2703122	19.047 ug/ml
Spiked Amount 50.000		Recovery =	38.09%
12) S 1-chlorooctadecane (S...	12.874	2068309	18.551 ug/ml
Spiked Amount 50.000		Recovery =	37.10%
Target Compounds			
1) T n-Nonane (C9)	3.248	2515520	20.806 ug/ml
2) T n-Decane (C10)	4.306	2546879	20.778 ug/ml
3) T A~Naphthalene (C11.7)	5.877	2811841	20.851 ug/ml
4) T n-Dodecane (C12)	6.313	2583201	21.041 ug/ml
5) T A~2-methylnaphthalene...	6.929	2818400	20.814 ug/ml
6) T n-Tetradecane (C14)	8.101	2616459	20.850 ug/ml
7) T n-Hexadecane (C16)	9.694	2588778	20.227 ug/ml
8) T n-Octadecane (C18)	11.129	2593770	19.629 ug/ml
10) T n-Eicosane (C20)	12.432	2504606	18.977 ug/ml
11) T n-Heneicosane (C21)	13.041	2479486	18.685 ug/ml
13) T n-Docosane (C22)	13.624	2428981	18.526 ug/ml
14) T n-Tetracosane (C24)	14.722	2367735	18.144 ug/ml
15) T n-Hexacosane (C26)	15.738	2235903	17.617 ug/ml
16) T n-Octacosane (C28)	16.683	2166008	17.456 ug/ml
17) T n-Tricontane (C30)	17.566	2132249	17.721 ug/ml
18) T n-Dotriacontane (C32)	18.394	2079921	18.172 ug/ml
19) T n-Tetratriacontane (C34)	19.174	2022778	18.714 ug/ml
20) T n-Hexatriacontane (C36)	19.910	1956199	19.588 ug/ml
21) T n-Octatriacontane (C38)	20.619	1917024	20.870 ug/ml
22) T n-Tetracontane (C40)	21.454	2002000	21.047 ug/ml

(f)=RT Delta > 1/2 Window

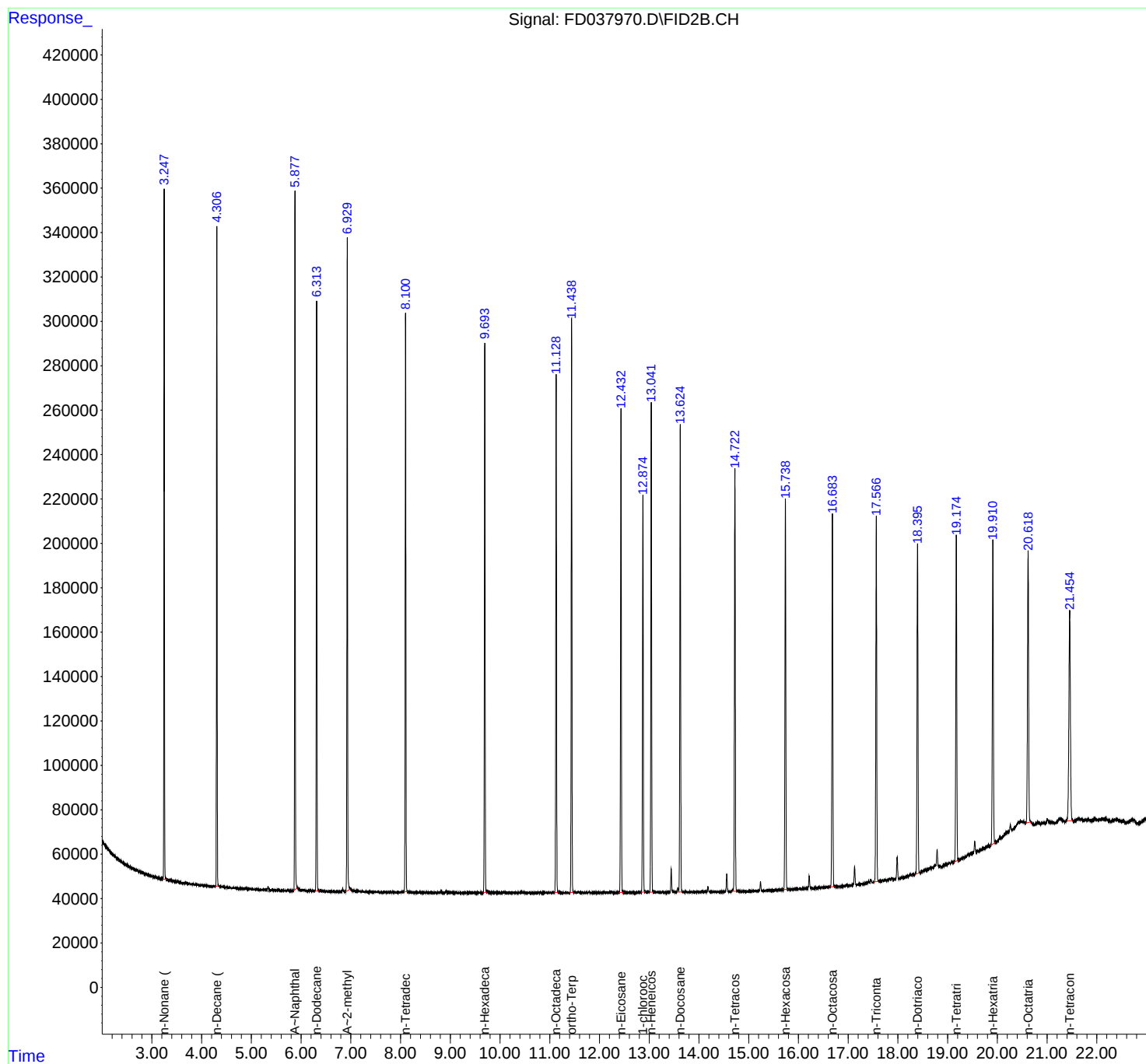
(m)=manual int.

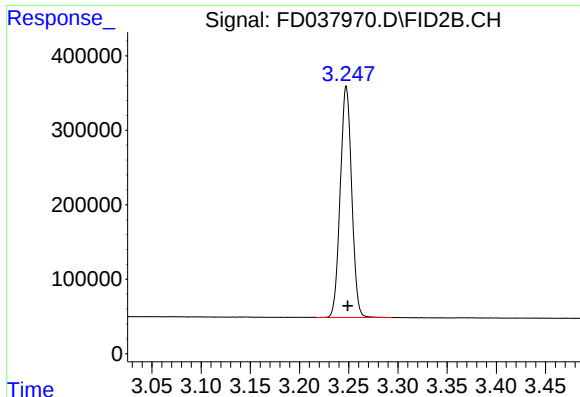
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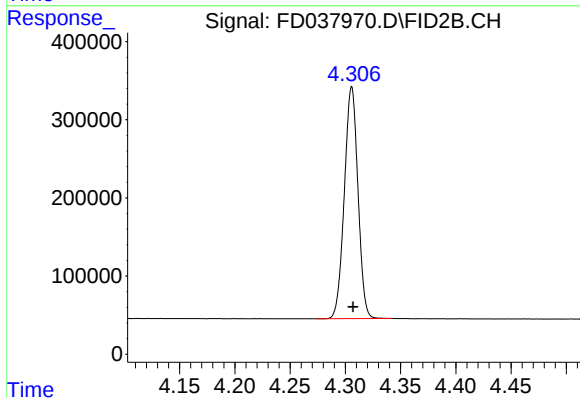




#1 n-Nonane (C9)

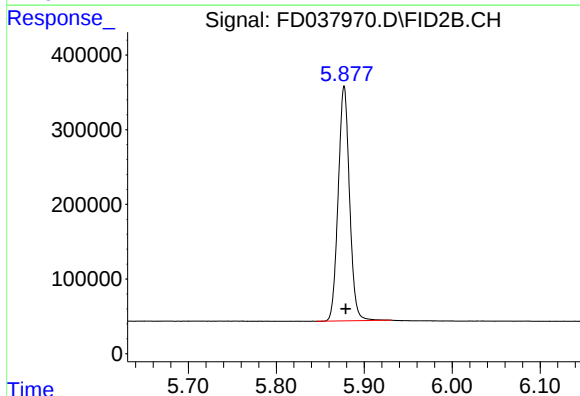
R.T.: 3.248 min
Delta R.T.: -0.001 min
Response: 2515520
Conc: 20.81 ug/ml

Instrument :
FID_D
ClientSampleId :



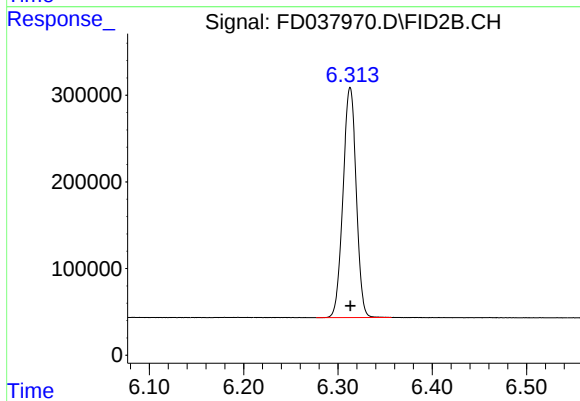
#2 n-Decane (C10)

R.T.: 4.306 min
Delta R.T.: -0.001 min
Response: 2546879
Conc: 20.78 ug/ml



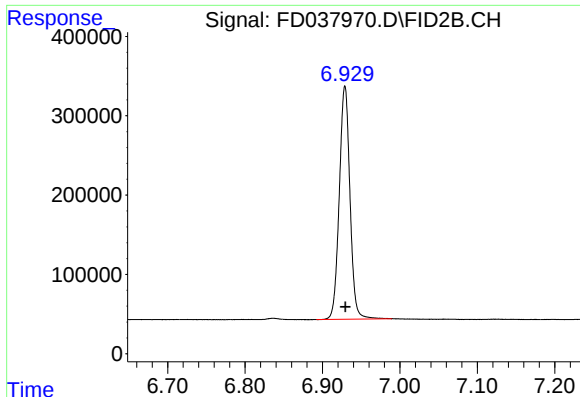
#3 A~Naphthalene (C11.7)

R.T.: 5.877 min
Delta R.T.: -0.002 min
Response: 2811841
Conc: 20.85 ug/ml



#4 n-Dodecane (C12)

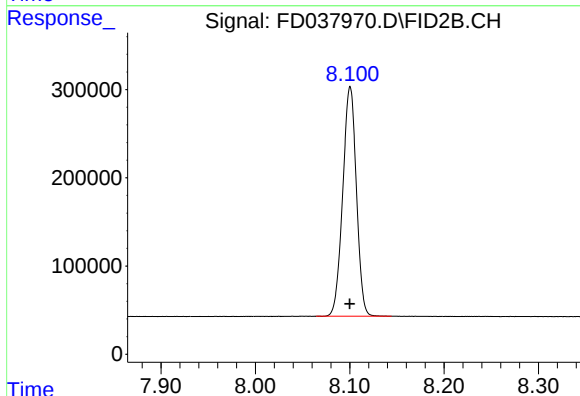
R.T.: 6.313 min
Delta R.T.: 0.000 min
Response: 2583201
Conc: 21.04 ug/ml



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

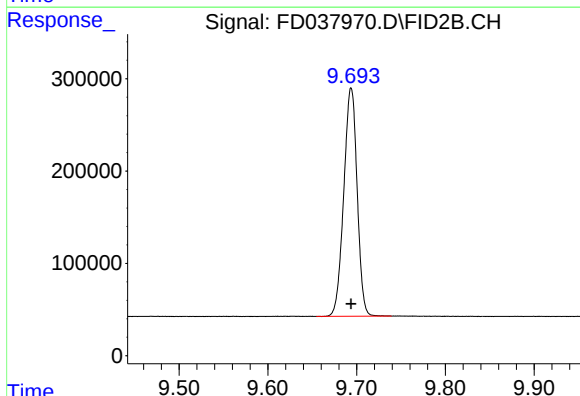
R.T.: 6.929 min
Delta R.T.: 0.000 min
Response: 2818400
Conc: 20.81 ug/ml

Instrument :
FID_D
ClientSampleId :



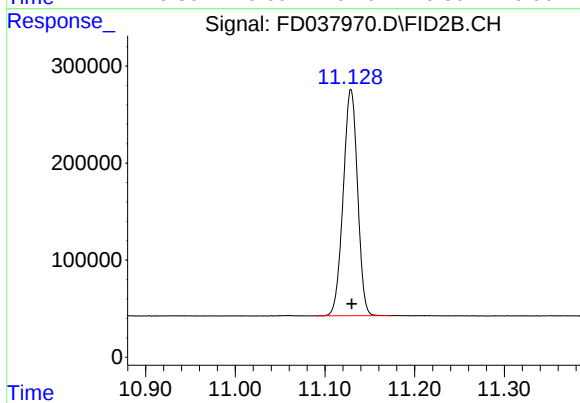
#6 n-Tetradecane (C14)

R.T.: 8.101 min
Delta R.T.: 0.000 min
Response: 2616459
Conc: 20.85 ug/ml



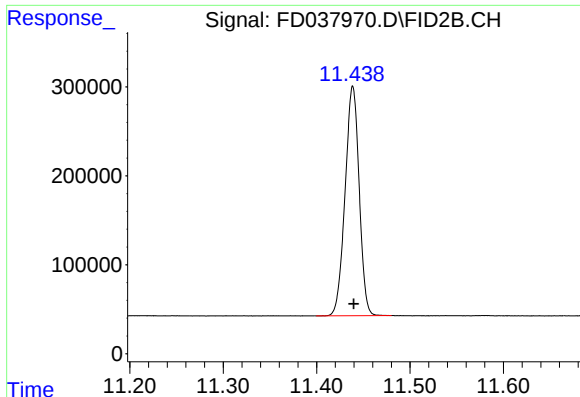
#7 n-Hexadecane (C16)

R.T.: 9.694 min
Delta R.T.: 0.000 min
Response: 2588778
Conc: 20.23 ug/ml



#8 n-Octadecane (C18)

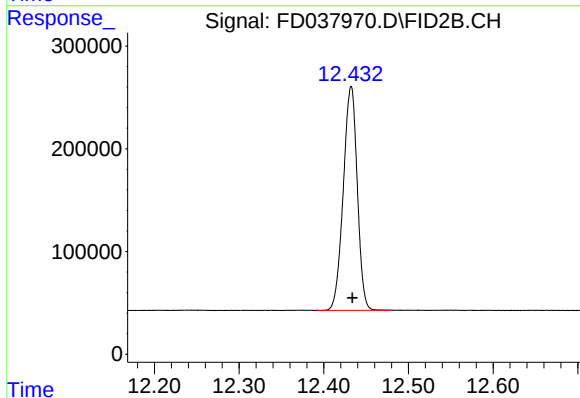
R.T.: 11.129 min
Delta R.T.: 0.000 min
Response: 2593770
Conc: 19.63 ug/ml



#9 ortho-Terphenyl (SURR)

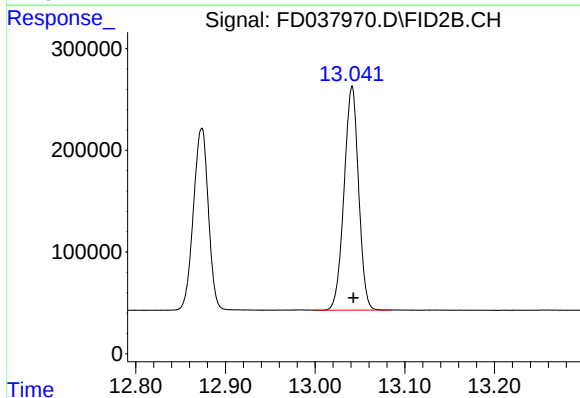
R.T.: 11.439 min
Delta R.T.: 0.000 min
Response: 2703122
Conc: 19.05 ug/ml

Instrument :
FID_D
ClientSampleId :



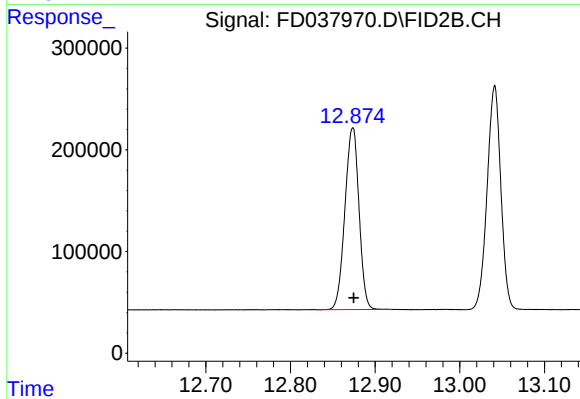
#10 n-Eicosane (C20)

R.T.: 12.432 min
Delta R.T.: -0.001 min
Response: 2504606
Conc: 18.98 ug/ml



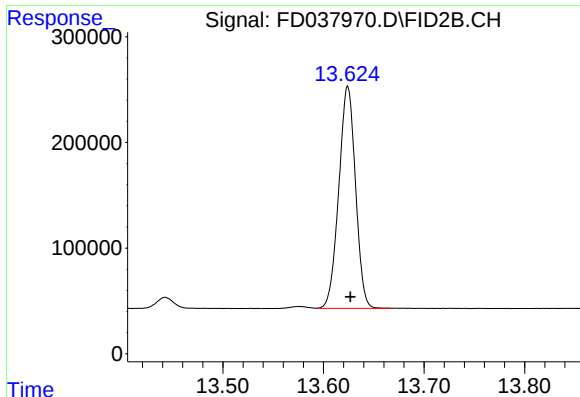
#11 n-Heneicosane (C21)

R.T.: 13.041 min
Delta R.T.: -0.001 min
Response: 2479486
Conc: 18.69 ug/ml



#12 1-chlorooctadecane (SURR)

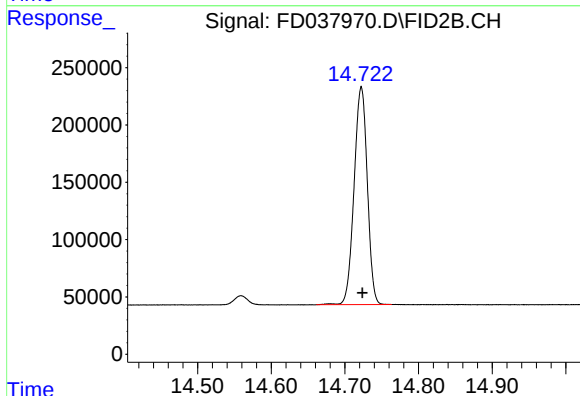
R.T.: 12.874 min
Delta R.T.: -0.001 min
Response: 2068309
Conc: 18.55 ug/ml



#13 n-Docosane (C22)

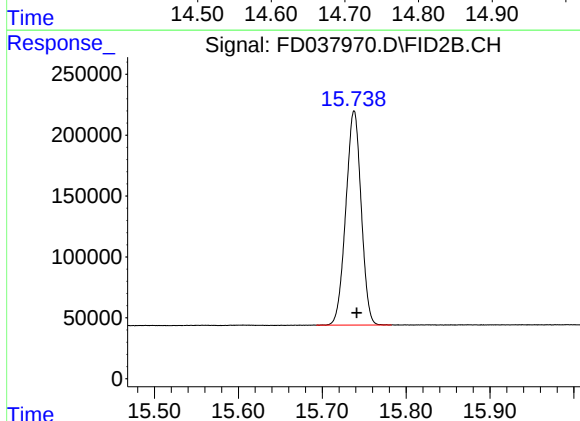
R.T.: 13.624 min
Delta R.T.: -0.003 min
Response: 2428981
Conc: 18.53 ug/ml

Instrument :
FID_D
ClientSampleId :



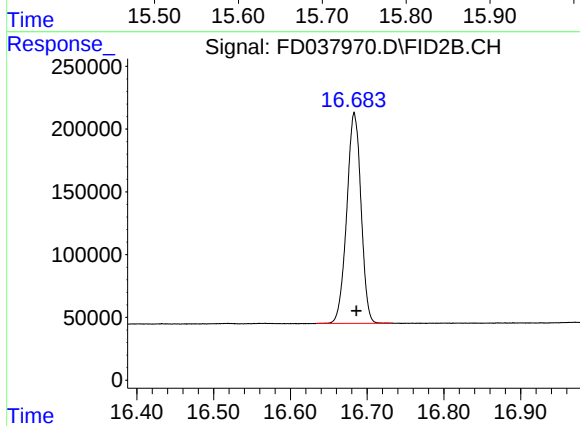
#14 n-Tetracosane (C24)

R.T.: 14.722 min
Delta R.T.: -0.002 min
Response: 2367735
Conc: 18.14 ug/ml



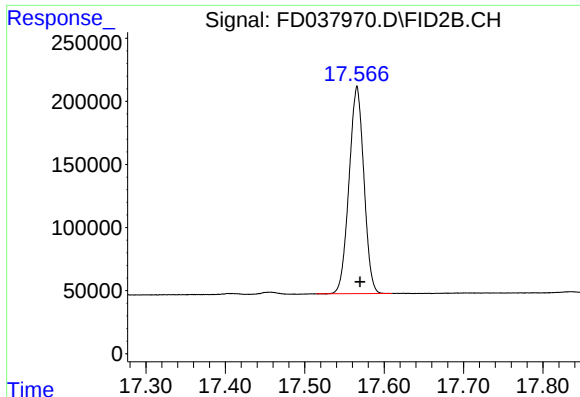
#15 n-Hexacosane (C26)

R.T.: 15.738 min
Delta R.T.: -0.003 min
Response: 2235903
Conc: 17.62 ug/ml



#16 n-Octacosane (C28)

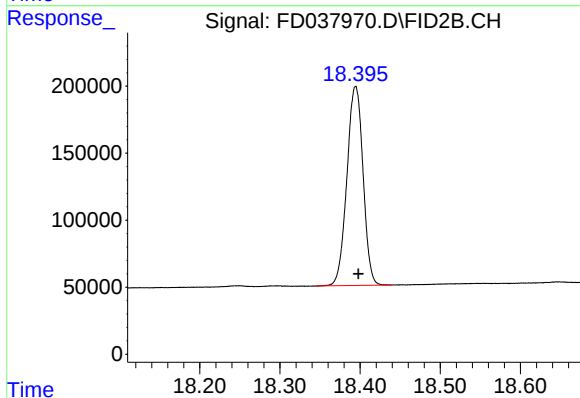
R.T.: 16.683 min
Delta R.T.: -0.003 min
Response: 2166008
Conc: 17.46 ug/ml



#17 n-Tricontane (C30)

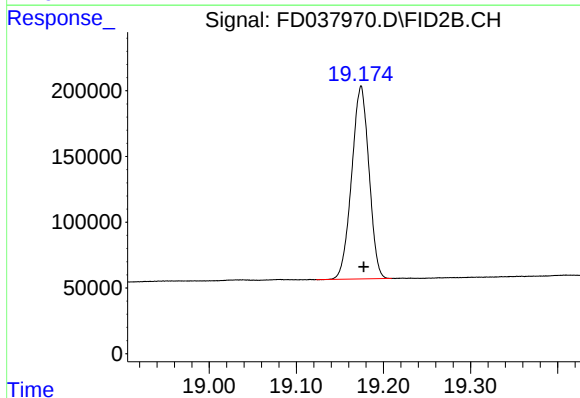
R.T.: 17.566 min
Delta R.T.: -0.004 min
Response: 2132249
Conc: 17.72 ug/ml

Instrument :
FID_D
ClientSampleId :



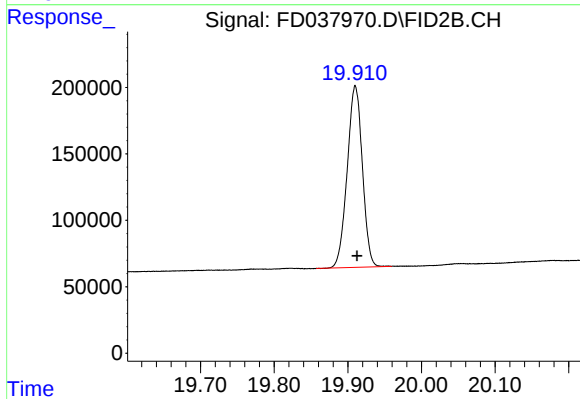
#18 n-Dotriacontane (C32)

R.T.: 18.394 min
Delta R.T.: -0.004 min
Response: 2079921
Conc: 18.17 ug/ml



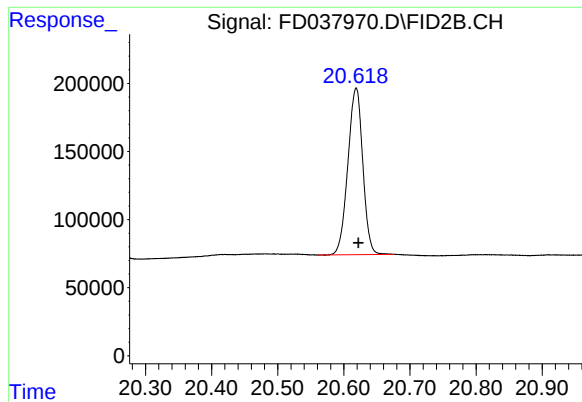
#19 n-Tetratriacontane (C34)

R.T.: 19.174 min
Delta R.T.: -0.003 min
Response: 2022778
Conc: 18.71 ug/ml



#20 n-Hexatriacontane (C36)

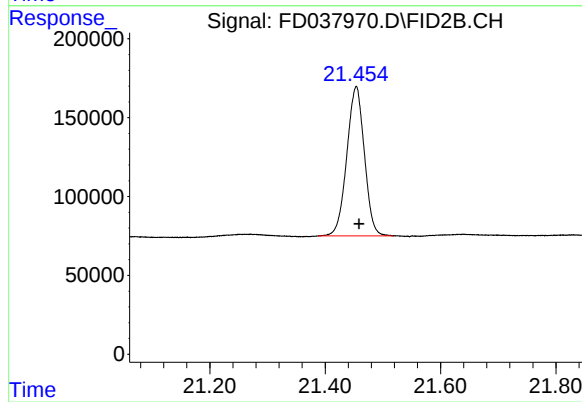
R.T.: 19.910 min
Delta R.T.: -0.002 min
Response: 1956199
Conc: 19.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.619 min
Delta R.T.: -0.003 min
Response: 1917024
Conc: 20.87 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.454 min
Delta R.T.: -0.005 min
Response: 2002000
Conc: 21.05 ug/ml