

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042021AL\
 Data File : FD037021.D
 Signal(s) : FID2B.CH
 Acq On : 20 Apr 2021 10:56
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Apr 21 02:28:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 09:10:29 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)	11.480	2748200	18.547 ug/ml
Spiked Amount 50.000		Recovery =	37.09%
12) S 1-chlorooctadecane (S...	12.913	2113171	18.158 ug/ml
Spiked Amount 50.000		Recovery =	36.32%
Target Compounds			
1) T n-Nonane (C9)	3.280	2746790	21.609 ug/ml
2) T n-Decane (C10)	4.341	2787674	21.634 ug/ml
3) T A~Naphthalene (C11.7)	5.914	3072074	21.041 ug/ml
4) T n-Dodecane (C12)	6.351	2840502	21.428 ug/ml
5) T A~2-methylnaphthalene...	6.967	3090675	20.642 ug/ml
6) T n-Tetradecane (C14)	8.139	2803996	20.630 ug/ml
7) T n-Hexadecane (C16)	9.733	2698963	20.266 ug/ml
8) T n-Octadecane (C18)	11.168	2709169	19.558 ug/ml
10) T n-Eicosane (C20)	12.472	2593603	18.762 ug/ml
11) T n-Heneicosane (C21)	13.081	2522515	18.322 ug/ml
13) T n-Docosane (C22)	13.664	2452385	18.029 ug/ml
14) T n-Tetracosane (C24)	14.762	2340892	17.657 ug/ml
15) T n-Hexacosane (C26)	15.777	2225982	17.580 ug/ml
16) T n-Octacosane (C28)	16.722	2172329	18.012 ug/ml
17) T n-Tricontane (C30)	17.604	2158368	18.789 ug/ml
18) T n-Dotriacontane (C32)	18.433	2130550	19.370 ug/ml
19) T n-Tetratriacontane (C34)	19.210	2120753	20.649 ug/ml
20) T n-Hexatriacontane (C36)	19.946	2079157	21.280 ug/ml
21) T n-Octatriacontane (C38)	20.657	2010544	21.746 ug/ml
22) T n-Tetracontane (C40)	21.504	2082525	20.647 ug/ml

(f)=RT Delta > 1/2 Window

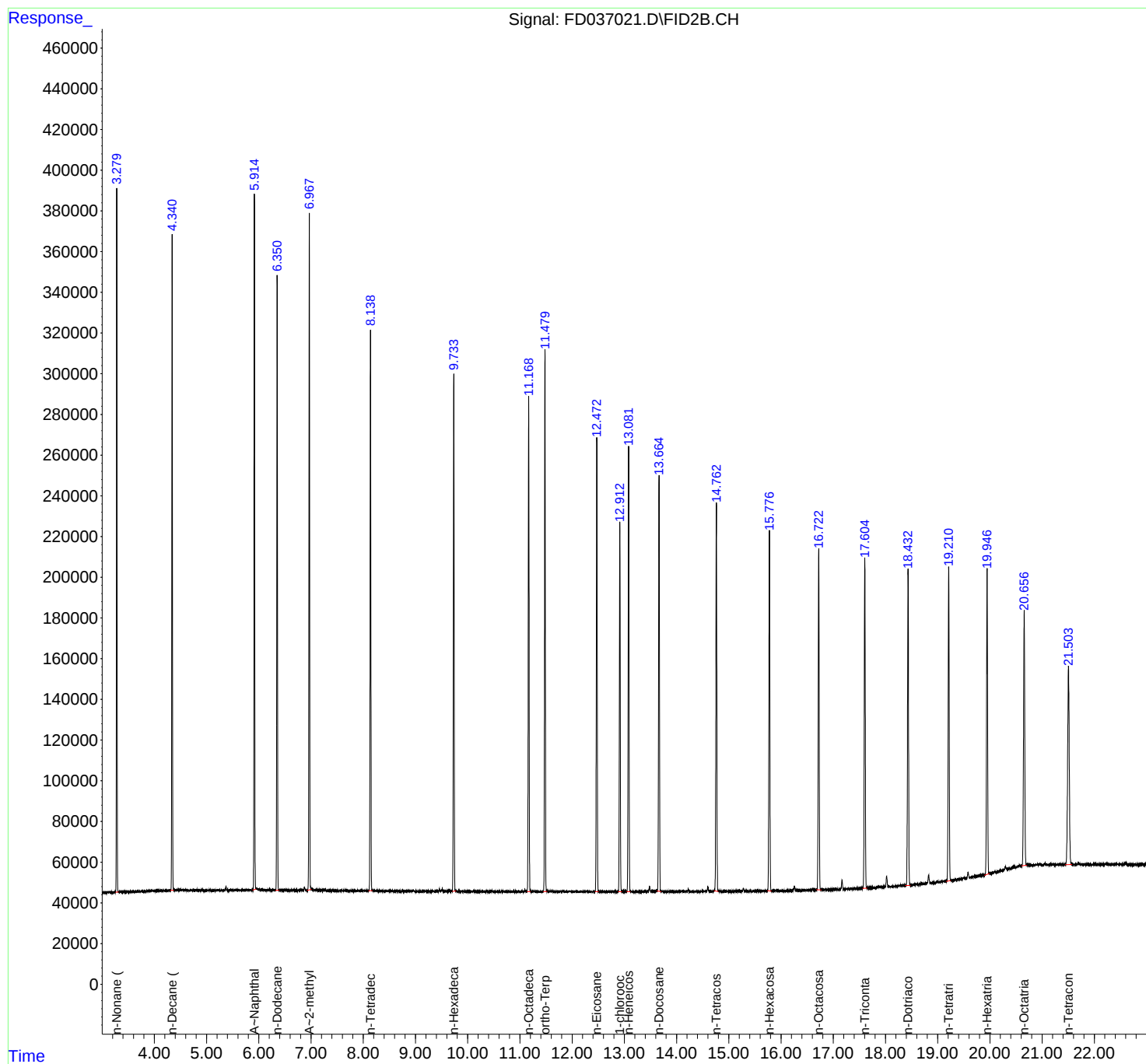
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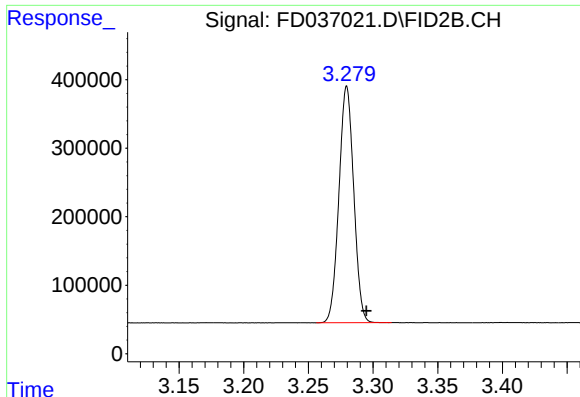
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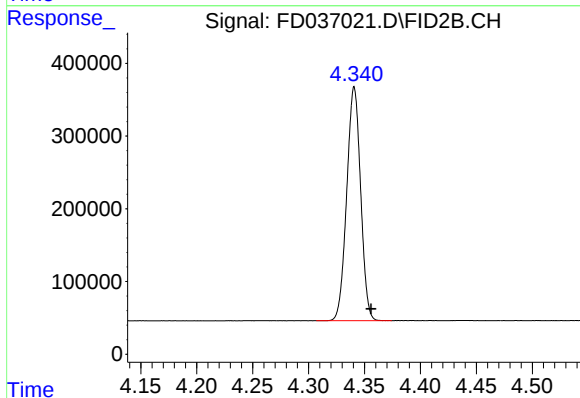




#1 n-Nonane (C9)

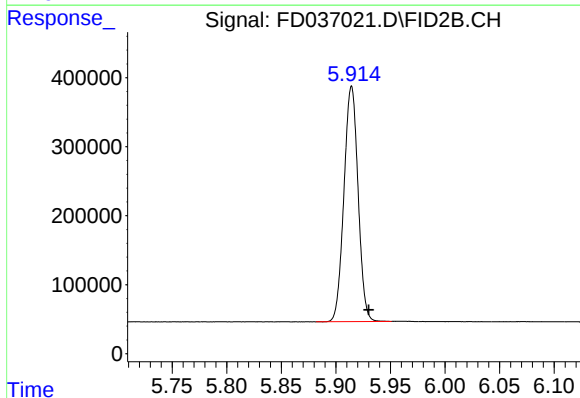
R.T.: 3.280 min
Delta R.T.: -0.015 min
Response: 2746790
Conc: 21.61 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



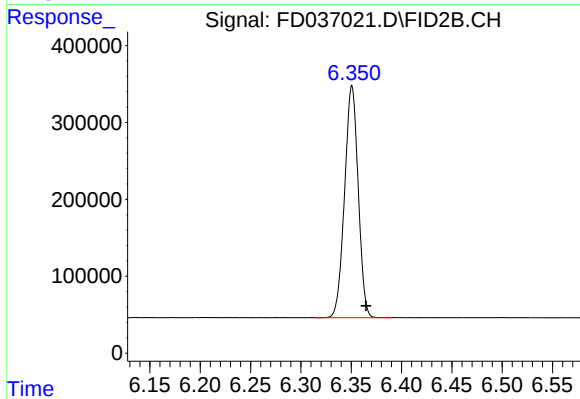
#2 n-Decane (C10)

R.T.: 4.341 min
Delta R.T.: -0.015 min
Response: 2787674
Conc: 21.63 ug/ml



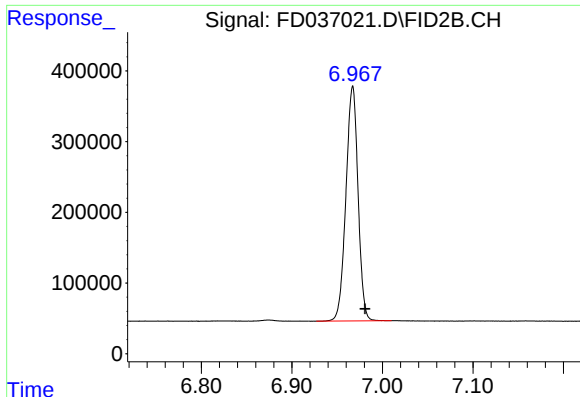
#3 A~Naphthalene (C11.7)

R.T.: 5.914 min
Delta R.T.: -0.016 min
Response: 3072074
Conc: 21.04 ug/ml



#4 n-Dodecane (C12)

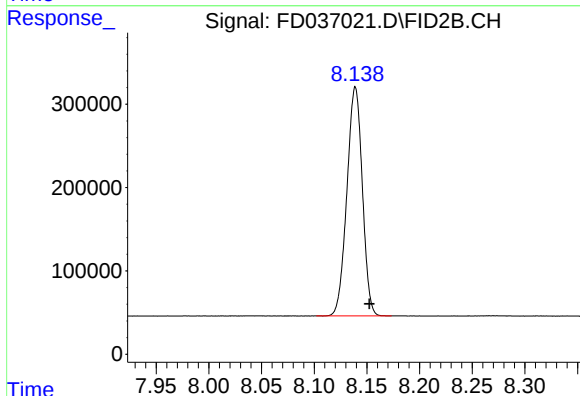
R.T.: 6.351 min
Delta R.T.: -0.014 min
Response: 2840502
Conc: 21.43 ug/ml



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

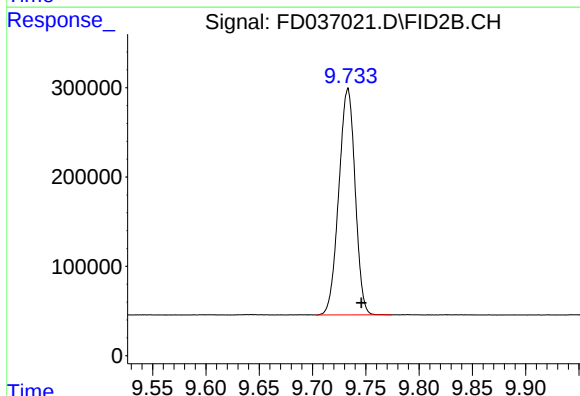
R.T.: 6.967 min
Delta R.T.: -0.013 min
Response: 3090675
Conc: 20.64 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



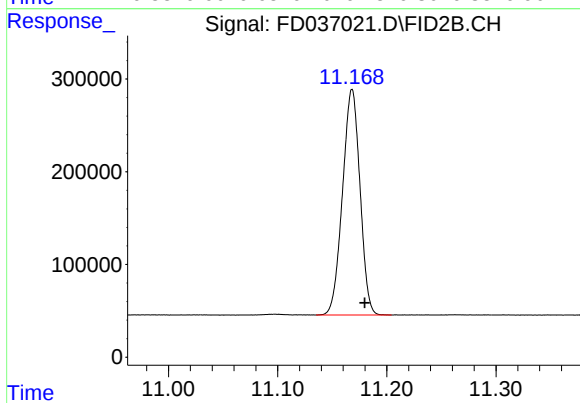
#6 n-Tetradecane (C14)

R.T.: 8.139 min
Delta R.T.: -0.013 min
Response: 2803996
Conc: 20.63 ug/ml



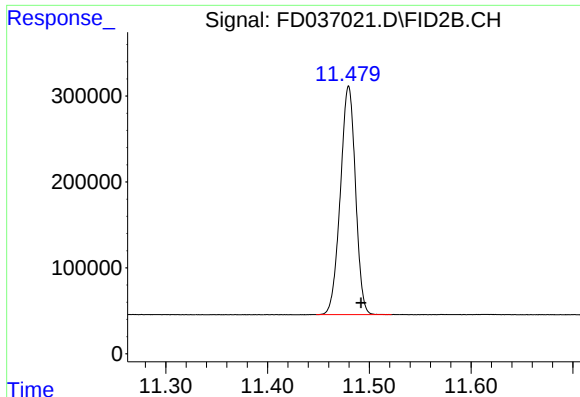
#7 n-Hexadecane (C16)

R.T.: 9.733 min
Delta R.T.: -0.012 min
Response: 2698963
Conc: 20.27 ug/ml



#8 n-Octadecane (C18)

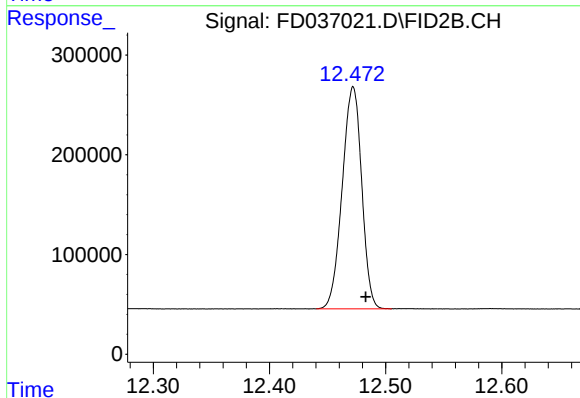
R.T.: 11.168 min
Delta R.T.: -0.011 min
Response: 2709169
Conc: 19.56 ug/ml



#9 ortho-Terphenyl (SURR)

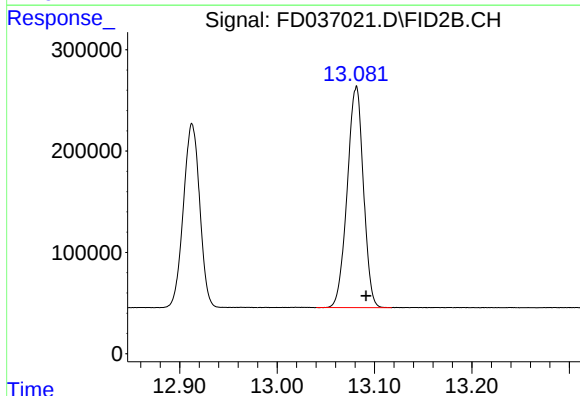
R.T.: 11.480 min
Delta R.T.: -0.012 min
Response: 2748200
Conc: 18.55 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



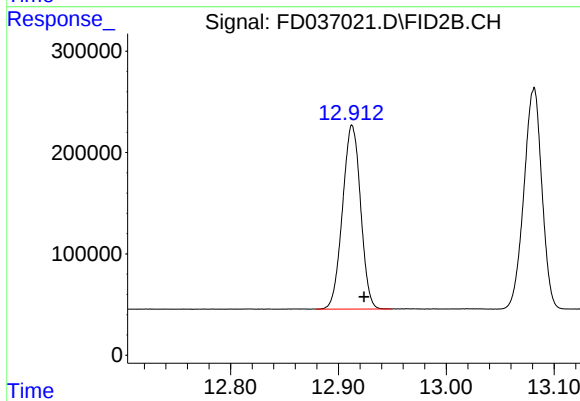
#10 n-Eicosane (C20)

R.T.: 12.472 min
Delta R.T.: -0.011 min
Response: 2593603
Conc: 18.76 ug/ml



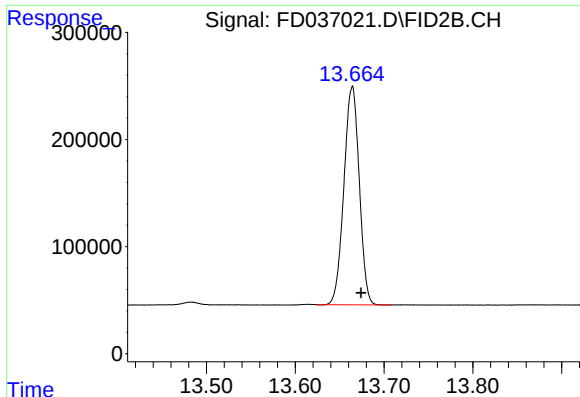
#11 n-Heneicosane (C21)

R.T.: 13.081 min
Delta R.T.: -0.010 min
Response: 2522515
Conc: 18.32 ug/ml



#12 1-chlorooctadecane (SURR)

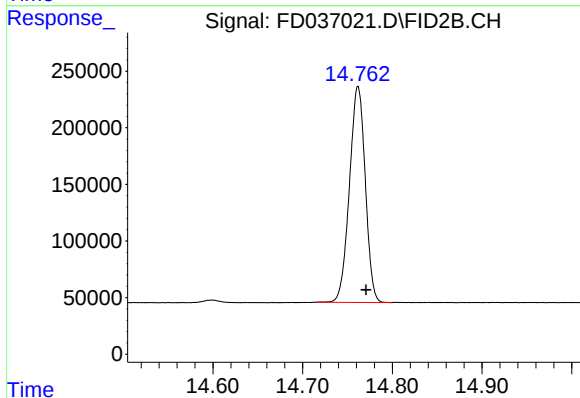
R.T.: 12.913 min
Delta R.T.: -0.011 min
Response: 2113171
Conc: 18.16 ug/ml



#13 n-Docosane (C22)

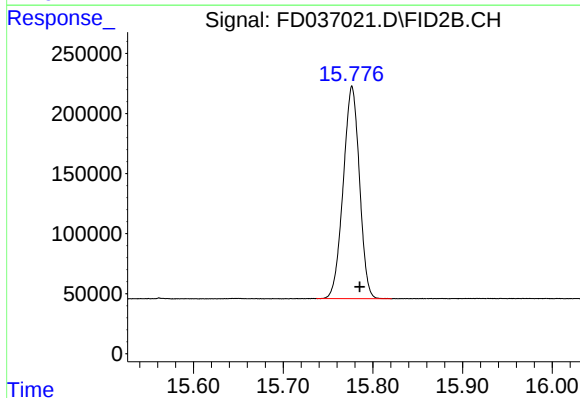
R.T.: 13.664 min
Delta R.T.: -0.010 min
Response: 2452385
Conc: 18.03 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



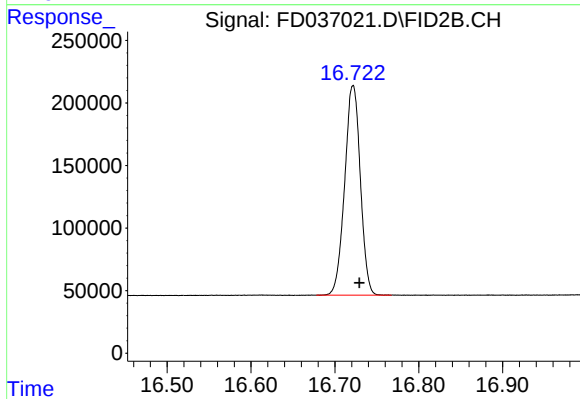
#14 n-Tetracosane (C24)

R.T.: 14.762 min
Delta R.T.: -0.009 min
Response: 2340892
Conc: 17.66 ug/ml



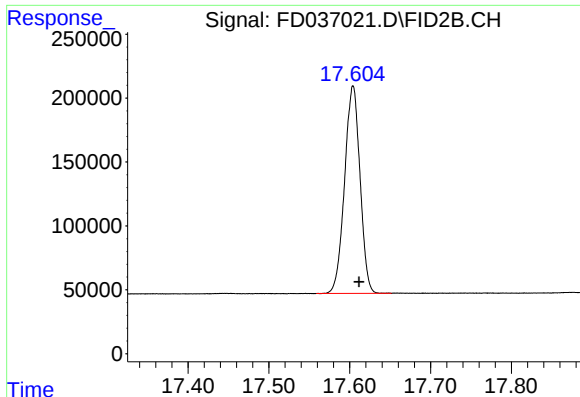
#15 n-Hexacosane (C26)

R.T.: 15.777 min
Delta R.T.: -0.009 min
Response: 2225982
Conc: 17.58 ug/ml



#16 n-Octacosane (C28)

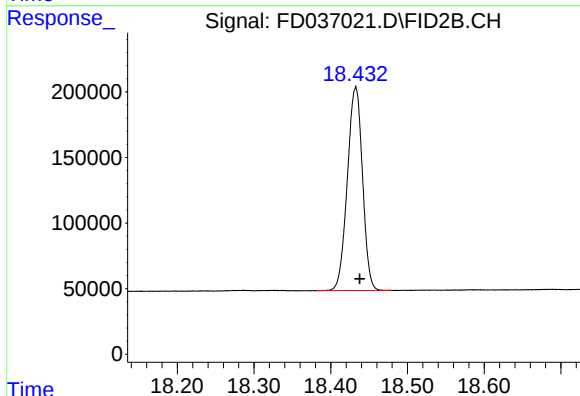
R.T.: 16.722 min
Delta R.T.: -0.008 min
Response: 2172329
Conc: 18.01 ug/ml



#17 n-Tricontane (C30)

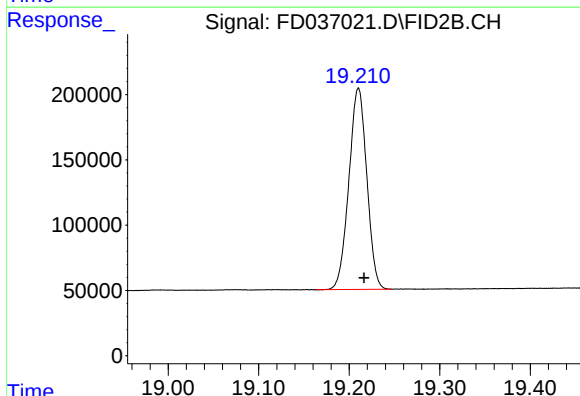
R.T.: 17.604 min
Delta R.T.: -0.007 min
Response: 2158368
Conc: 18.79 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



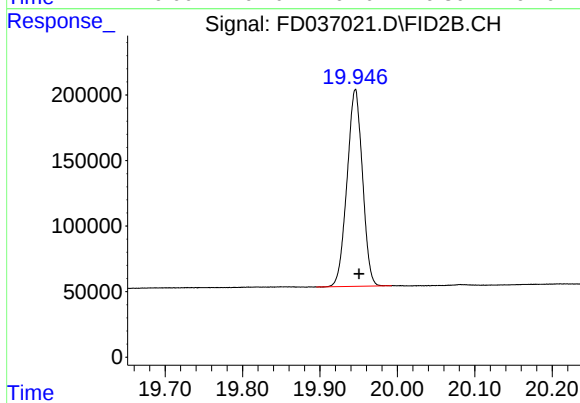
#18 n-Dotriacontane (C32)

R.T.: 18.433 min
Delta R.T.: -0.005 min
Response: 2130550
Conc: 19.37 ug/ml



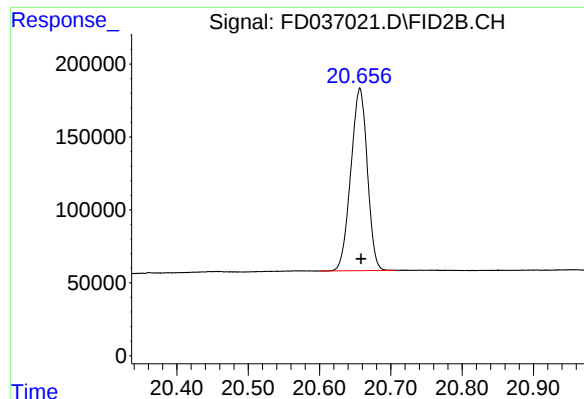
#19 n-Tetratriacontane (C34)

R.T.: 19.210 min
Delta R.T.: -0.006 min
Response: 2120753
Conc: 20.65 ug/ml



#20 n-Hexatriacontane (C36)

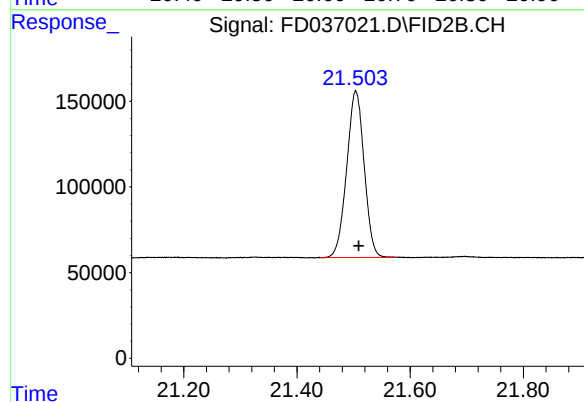
R.T.: 19.946 min
Delta R.T.: -0.005 min
Response: 2079157
Conc: 21.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.657 min
Delta R.T.: -0.001 min
Response: 2010544
Conc: 21.75 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.504 min
Delta R.T.: -0.005 min
Response: 2082525
Conc: 20.65 ug/ml