

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042021AL\
 Data File : FD037042.D
 Signal(s) : FID2B.CH
 Acq On : 21 Apr 2021 3:52
 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: Apr 21 07:25:06 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)	11.481	2833185	19.121 ug/ml
Spiked Amount 50.000		Recovery =	38.24%
12) S 1-chlorooctadecane (S...	12.913	2193901	18.851 ug/ml
Spiked Amount 50.000		Recovery =	37.70%
Target Compounds			
1) T n-Nonane (C9)	3.280	2791623	21.961 ug/ml
2) T n-Decane (C10)	4.341	2835311	22.004 ug/ml
3) T A~Naphthalene (C11.7)	5.915	3162490	21.660 ug/ml
4) T n-Dodecane (C12)	6.351	2893946	21.831 ug/ml
5) T A~2-methylnaphthalene...	6.967	3200760	21.377 ug/ml
6) T n-Tetradecane (C14)	8.139	2882520	21.207 ug/ml
7) T n-Hexadecane (C16)	9.734	2789735	20.948 ug/ml
8) T n-Octadecane (C18)	11.169	2801326	20.223 ug/ml
10) T n-Eicosane (C20)	12.473	2682242	19.404 ug/ml
11) T n-Heneicosane (C21)	13.082	2606022	18.929 ug/ml
13) T n-Docosane (C22)	13.665	2541285	18.683 ug/ml
14) T n-Tetracosane (C24)	14.763	2414979	18.215 ug/ml
15) T n-Hexacosane (C26)	15.778	2315002	18.284 ug/ml
16) T n-Octacosane (C28)	16.722	2267602	18.802 ug/ml
17) T n-Tricontane (C30)	17.605	2257555	19.652 ug/ml
18) T n-Dotriacontane (C32)	18.433	2233086	20.303 ug/ml
19) T n-Tetratriacontane (C34)	19.212	2211221	21.530 ug/ml
20) T n-Hexatriacontane (C36)	19.947	2150342	22.008 ug/ml
21) T n-Octatriacontane (C38)	20.657	2118905	22.918 ug/ml
22) T n-Tetracontane (C40)	21.505	2213512	21.946 ug/ml

(f)=RT Delta > 1/2 Window

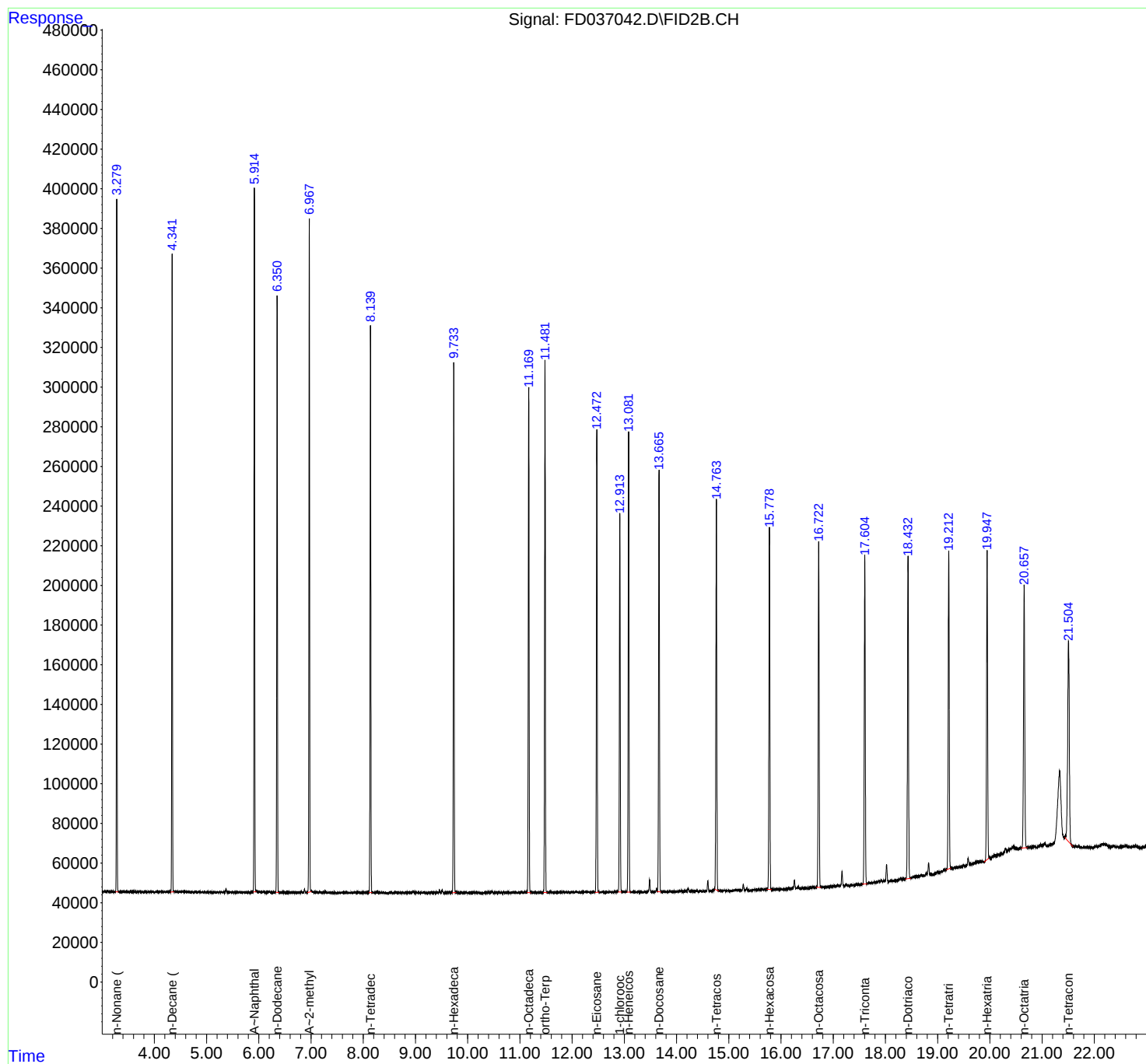
(m)=manual int.

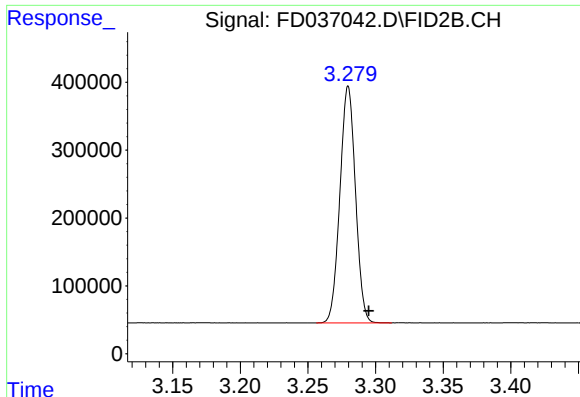
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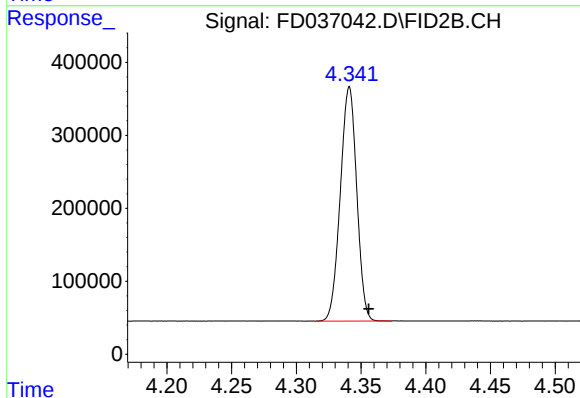




#1 n-Nonane (C9)

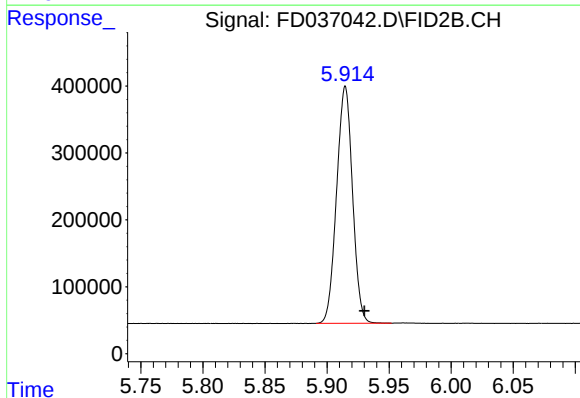
R.T.: 3.280 min
Delta R.T.: -0.015 min
Response: 2791623
Conc: 21.96 ug/ml

Instrument :
FID_D
ClientSampleId :



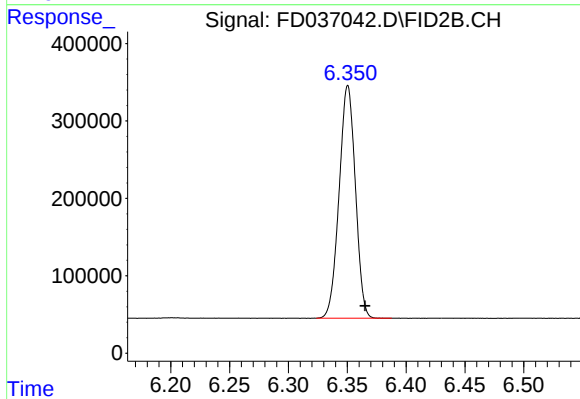
#2 n-Decane (C10)

R.T.: 4.341 min
Delta R.T.: -0.015 min
Response: 2835311
Conc: 22.00 ug/ml



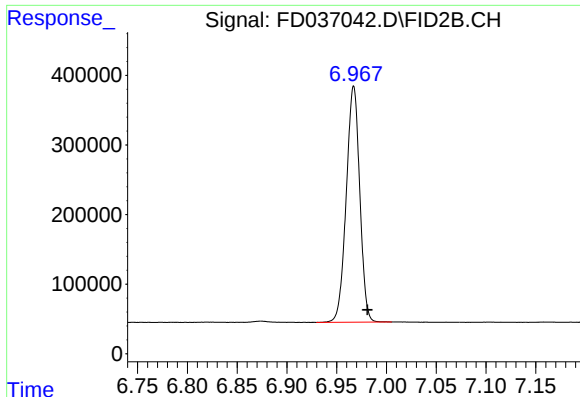
#3 A~Naphthalene (C11.7)

R.T.: 5.915 min
Delta R.T.: -0.015 min
Response: 3162490
Conc: 21.66 ug/ml



#4 n-Dodecane (C12)

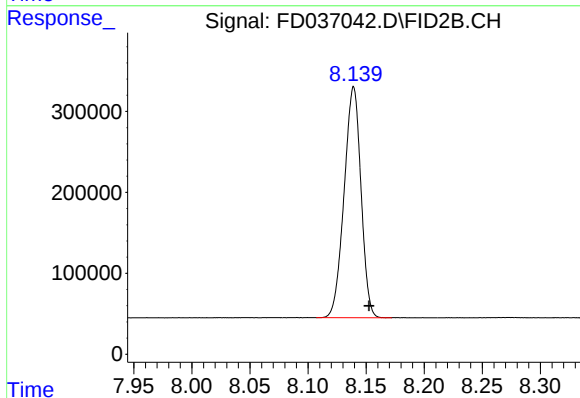
R.T.: 6.351 min
Delta R.T.: -0.014 min
Response: 2893946
Conc: 21.83 ug/ml



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

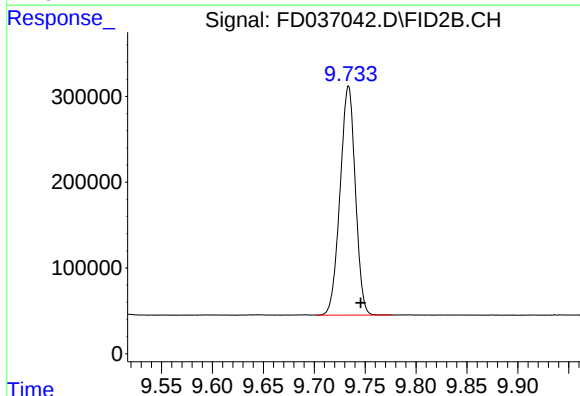
R.T.: 6.967 min
Delta R.T.: -0.014 min
Response: 3200760
Conc: 21.38 ug/ml

Instrument :
FID_D
ClientSampleId :



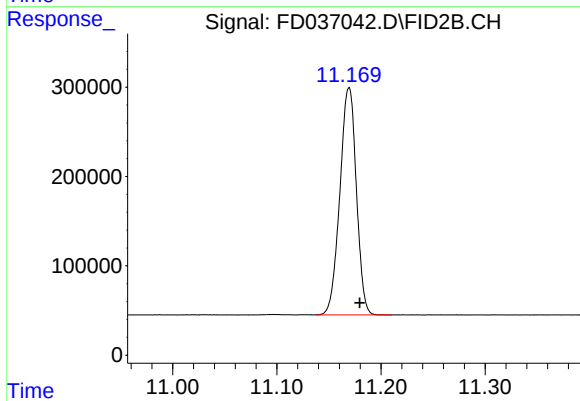
#6 n-Tetradecane (C14)

R.T.: 8.139 min
Delta R.T.: -0.013 min
Response: 2882520
Conc: 21.21 ug/ml



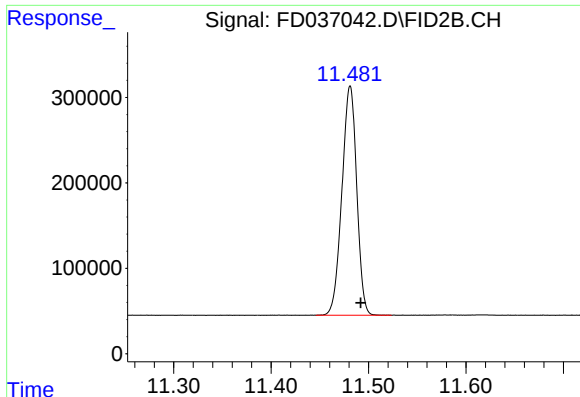
#7 n-Hexadecane (C16)

R.T.: 9.734 min
Delta R.T.: -0.012 min
Response: 2789735
Conc: 20.95 ug/ml



#8 n-Octadecane (C18)

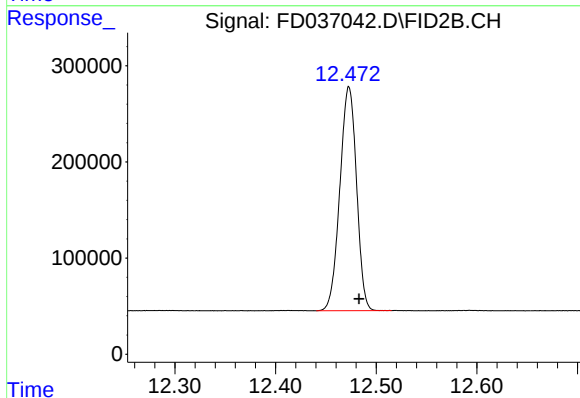
R.T.: 11.169 min
Delta R.T.: -0.010 min
Response: 2801326
Conc: 20.22 ug/ml



#9 ortho-Terphenyl (SURR)

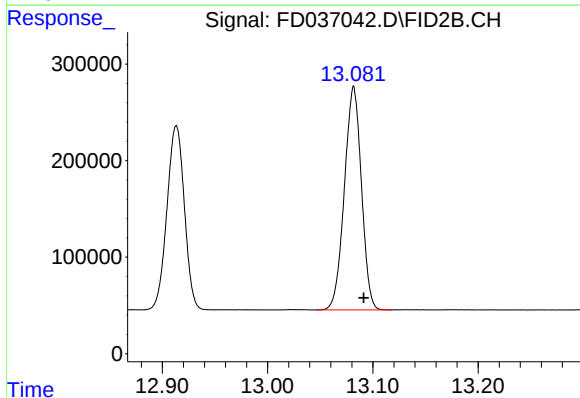
R.T.: 11.481 min
Delta R.T.: -0.011 min
Response: 2833185
Conc: 19.12 ug/ml

Instrument :
FID_D
ClientSampleId :



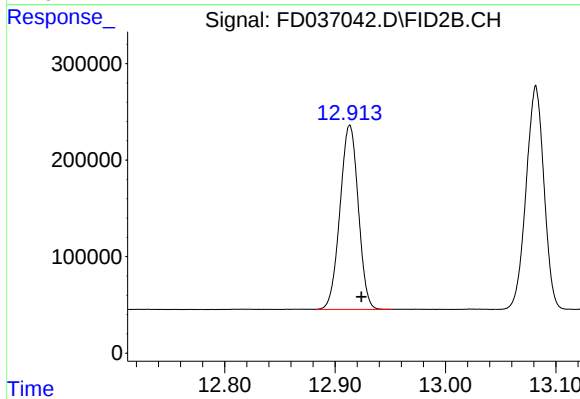
#10 n-Eicosane (C20)

R.T.: 12.473 min
Delta R.T.: -0.010 min
Response: 2682242
Conc: 19.40 ug/ml



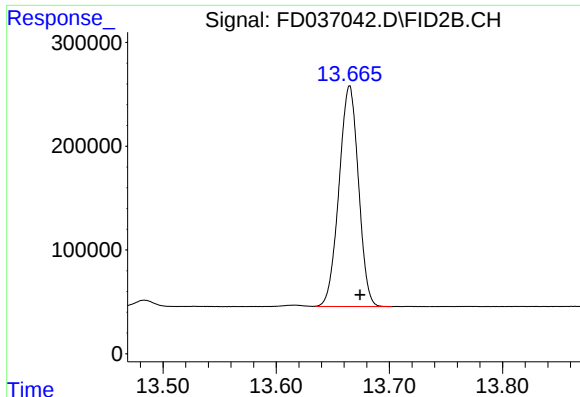
#11 n-Heneicosane (C21)

R.T.: 13.082 min
Delta R.T.: -0.010 min
Response: 2606022
Conc: 18.93 ug/ml



#12 1-chlorooctadecane (SURR)

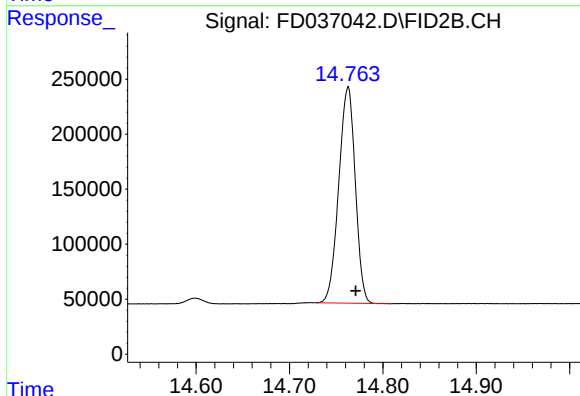
R.T.: 12.913 min
Delta R.T.: -0.010 min
Response: 2193901
Conc: 18.85 ug/ml



#13 n-Docosane (C22)

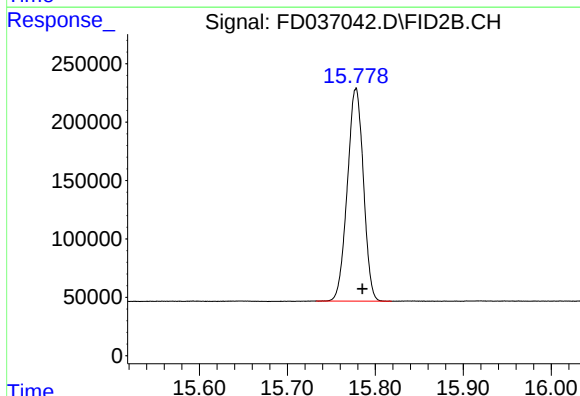
R.T.: 13.665 min
Delta R.T.: -0.009 min
Response: 2541285
Conc: 18.68 ug/ml

Instrument :
FID_D
ClientSampleId :



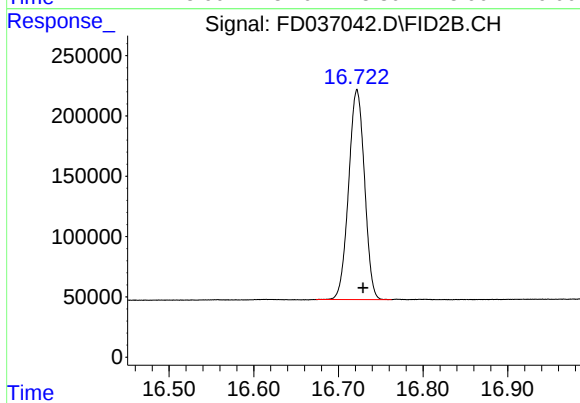
#14 n-Tetracosane (C24)

R.T.: 14.763 min
Delta R.T.: -0.008 min
Response: 2414979
Conc: 18.22 ug/ml



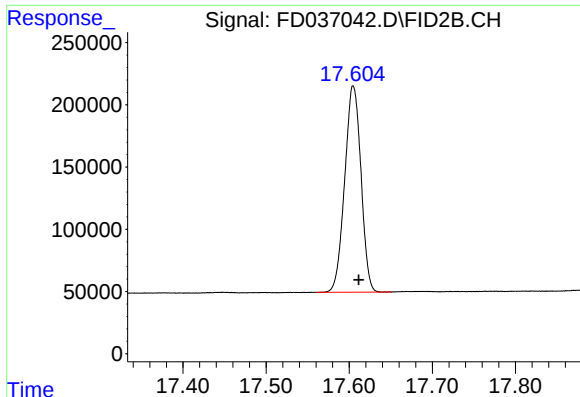
#15 n-Hexacosane (C26)

R.T.: 15.778 min
Delta R.T.: -0.008 min
Response: 2315002
Conc: 18.28 ug/ml



#16 n-Octacosane (C28)

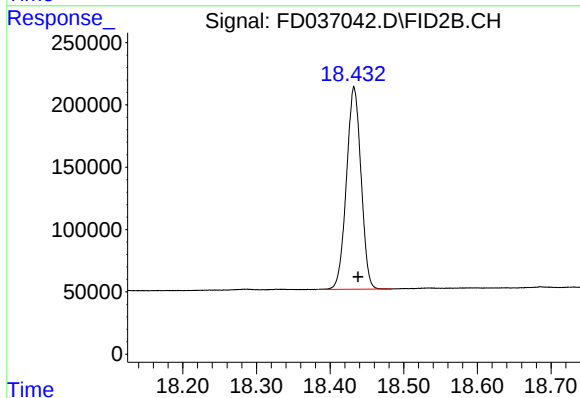
R.T.: 16.722 min
Delta R.T.: -0.007 min
Response: 2267602
Conc: 18.80 ug/ml



#17 n-Tricontane (C30)

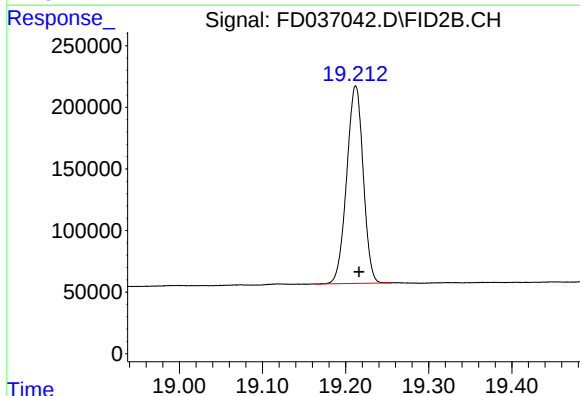
R.T.: 17.605 min
Delta R.T.: -0.007 min
Response: 2257555
Conc: 19.65 ug/ml

Instrument :
FID_D
ClientSampleId :



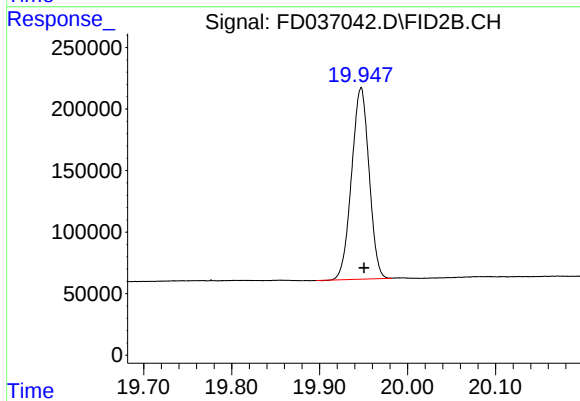
#18 n-Dotriacontane (C32)

R.T.: 18.433 min
Delta R.T.: -0.005 min
Response: 2233086
Conc: 20.30 ug/ml



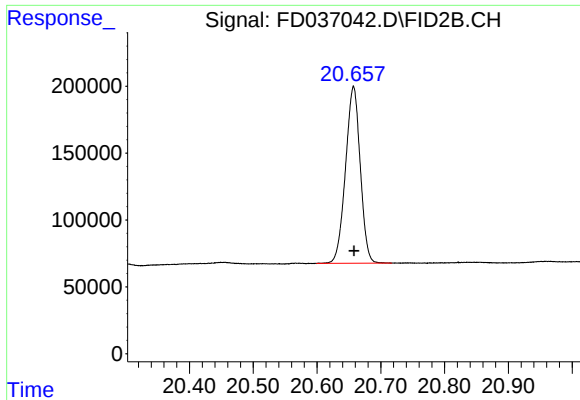
#19 n-Tetratriacontane (C34)

R.T.: 19.212 min
Delta R.T.: -0.004 min
Response: 2211221
Conc: 21.53 ug/ml



#20 n-Hexatriacontane (C36)

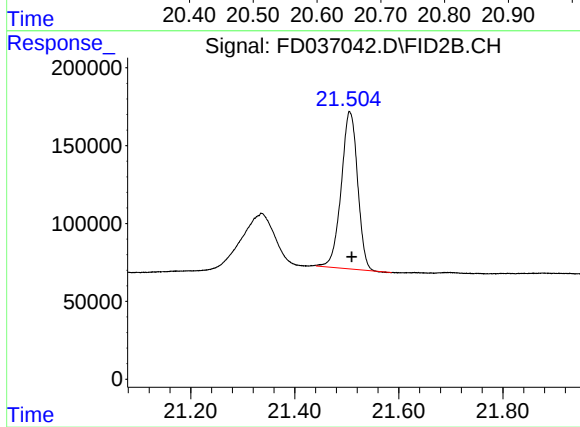
R.T.: 19.947 min
Delta R.T.: -0.003 min
Response: 2150342
Conc: 22.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.657 min
Delta R.T.: 0.000 min
Response: 2118905
Conc: 22.92 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.505 min
Delta R.T.: -0.004 min
Response: 2213512
Conc: 21.95 ug/ml