

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072621AL\
 Data File : FD038339.D
 Signal(s) : FID2B.CH
 Acq On : 26 Jul 2021 12:09
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 27 02:20:17 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:58:41 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)	11.403	2740051	18.956 ug/ml
Spiked Amount 50.000		Recovery =	37.91%
12) S 1-chlorooctadecane (S...	12.837	2062397	18.090 ug/ml
Spiked Amount 50.000		Recovery =	36.18%
Target Compounds			
1) T n-Nonane (C9)	3.221	2622532	21.582 ug/ml
2) T n-Decane (C10)	4.276	2657496	21.727 ug/ml
3) T A~Naphthalene (C11.7)	5.844	2885748	21.110 ug/ml
4) T n-Dodecane (C12)	6.281	2687384	21.577 ug/ml
5) T A~2-methylnaphthalene...	6.895	2865674	20.805 ug/ml
6) T n-Tetradecane (C14)	8.067	2710709	21.090 ug/ml
7) T n-Hexadecane (C16)	9.659	2673126	20.628 ug/ml
8) T n-Octadecane (C18)	11.094	2672250	19.842 ug/ml
10) T n-Eicosane (C20)	12.396	2545506	18.951 ug/ml
11) T n-Heneicosane (C21)	13.006	2520111	18.549 ug/ml
13) T n-Docosane (C22)	13.589	2441632	18.147 ug/ml
14) T n-Tetracosane (C24)	14.686	2358561	17.467 ug/ml
15) T n-Hexacosane (C26)	15.701	2228904	16.917 ug/ml
16) T n-Octacosane (C28)	16.647	2188358	16.783 ug/ml
17) T n-Tricontane (C30)	17.530	2142072	16.762 ug/ml
18) T n-Dotriacontane (C32)	18.357	2116497	17.201 ug/ml
19) T n-Tetratriacontane (C34)	19.136	2125100	18.147 ug/ml
20) T n-Hexatriacontane (C36)	19.874	2103973	19.266 ug/ml
21) T n-Octatriacontane (C38)	20.578	2062080	20.474 ug/ml
22) T n-Tetracontane (C40)	21.401	2061012	21.073 ug/ml

(f)=RT Delta > 1/2 Window

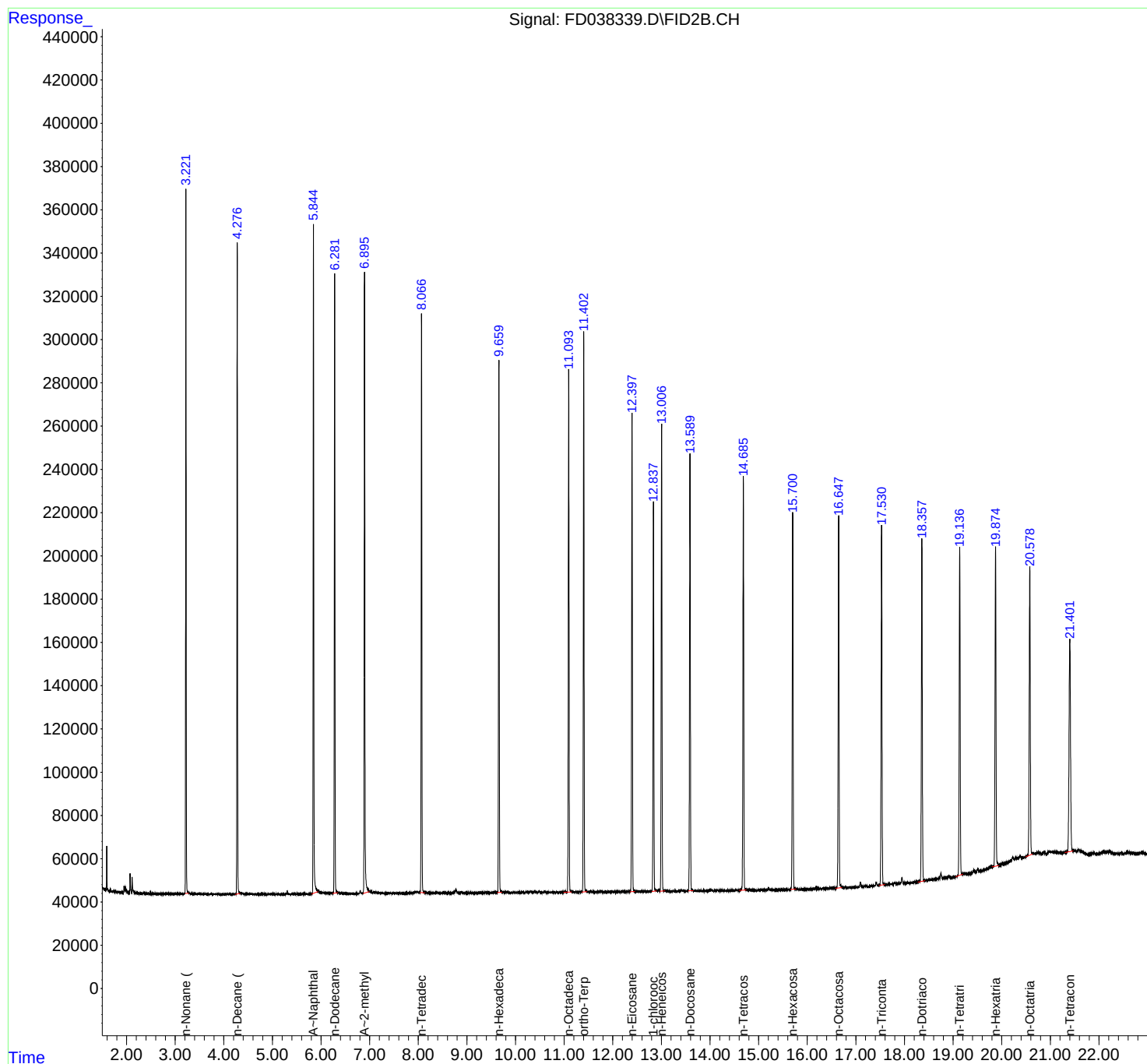
(m)=manual int.

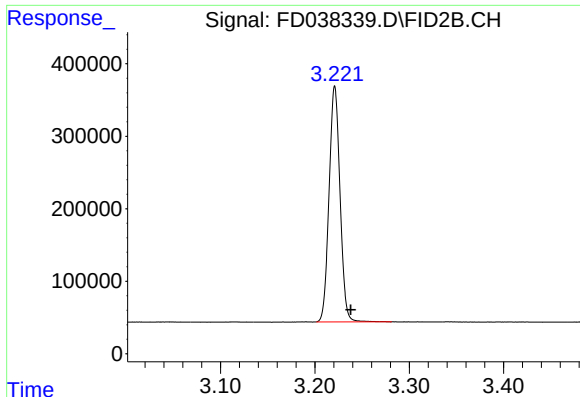
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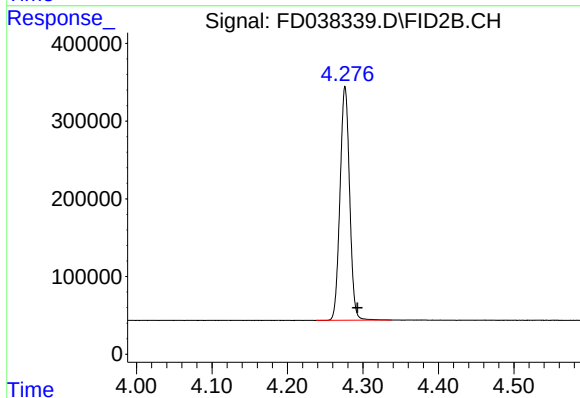




#1 n-Nonane (C9)

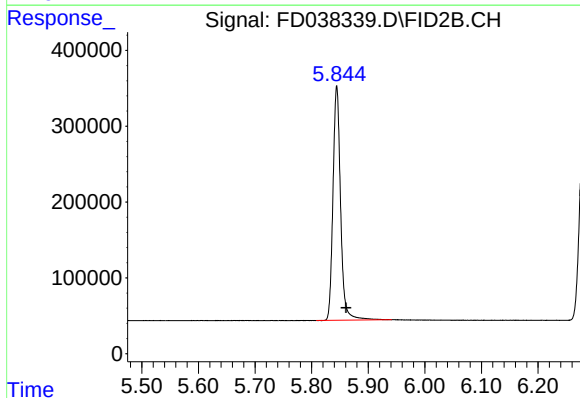
R.T.: 3.221 min
Delta R.T.: -0.017 min
Response: 2622532
Conc: 21.58 ug/ml

Instrument :
FID_D
ClientSampleId :



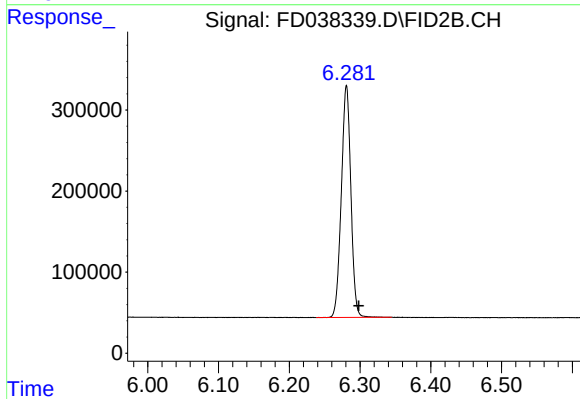
#2 n-Decane (C10)

R.T.: 4.276 min
Delta R.T.: -0.016 min
Response: 2657496
Conc: 21.73 ug/ml



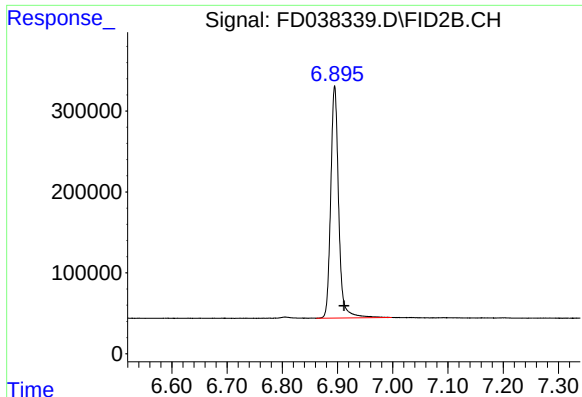
#3 A~Naphthalene (C11.7)

R.T.: 5.844 min
Delta R.T.: -0.017 min
Response: 2885748
Conc: 21.11 ug/ml



#4 n-Dodecane (C12)

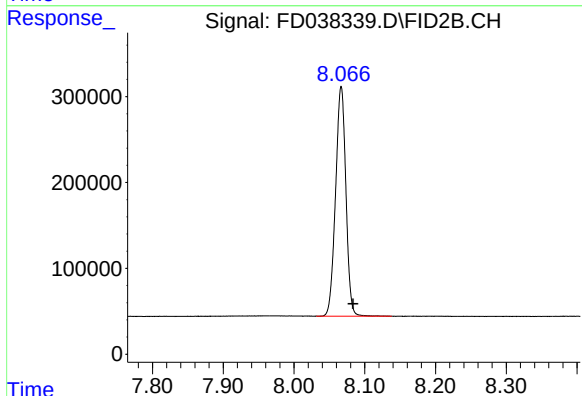
R.T.: 6.281 min
Delta R.T.: -0.017 min
Response: 2687384
Conc: 21.58 ug/ml



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

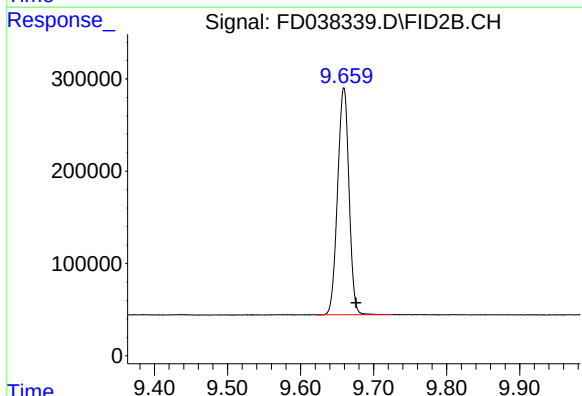
R.T.: 6.895 min
Delta R.T.: -0.017 min
Response: 2865674
Conc: 20.80 ug/ml

Instrument :
FID_D
ClientSampleId :



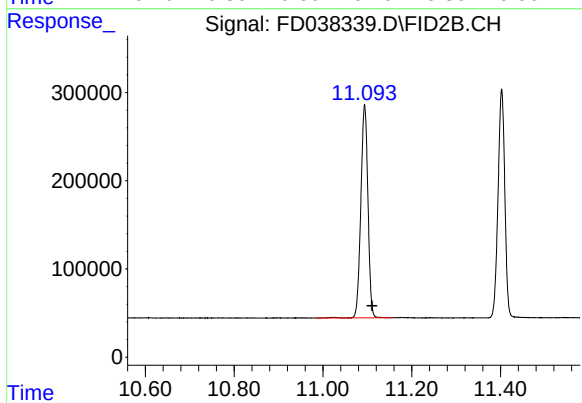
#6 n-Tetradecane (C14)

R.T.: 8.067 min
Delta R.T.: -0.017 min
Response: 2710709
Conc: 21.09 ug/ml



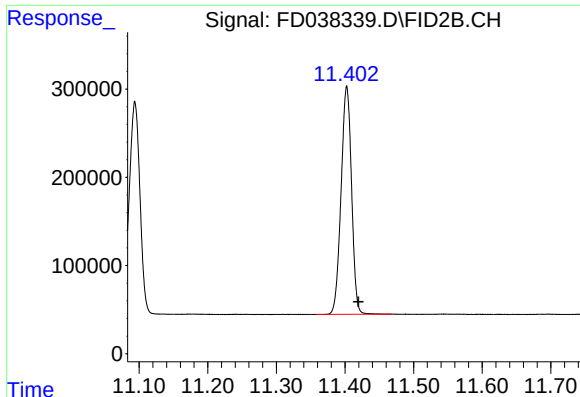
#7 n-Hexadecane (C16)

R.T.: 9.659 min
Delta R.T.: -0.017 min
Response: 2673126
Conc: 20.63 ug/ml



#8 n-Octadecane (C18)

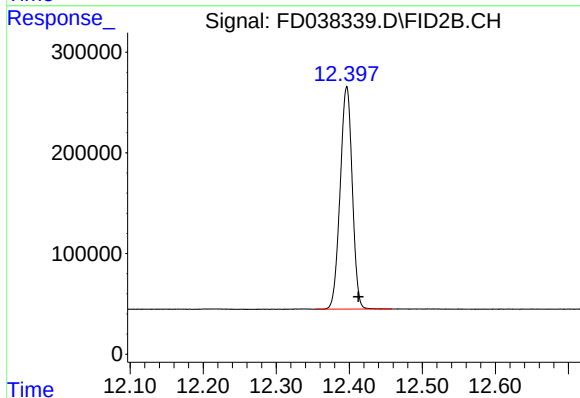
R.T.: 11.094 min
Delta R.T.: -0.017 min
Response: 2672250
Conc: 19.84 ug/ml



#9 ortho-Terphenyl (SURR)

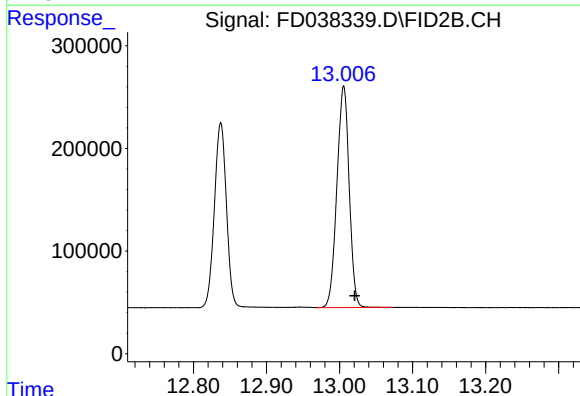
R.T.: 11.403 min
Delta R.T.: -0.017 min
Response: 2740051
Conc: 18.96 ug/ml

Instrument :
FID_D
ClientSampleId :



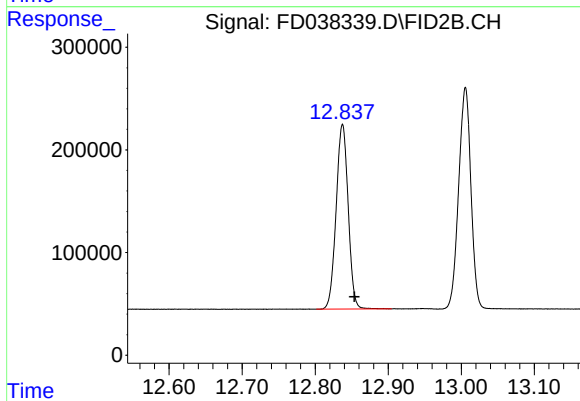
#10 n-Eicosane (C20)

R.T.: 12.396 min
Delta R.T.: -0.016 min
Response: 2545506
Conc: 18.95 ug/ml



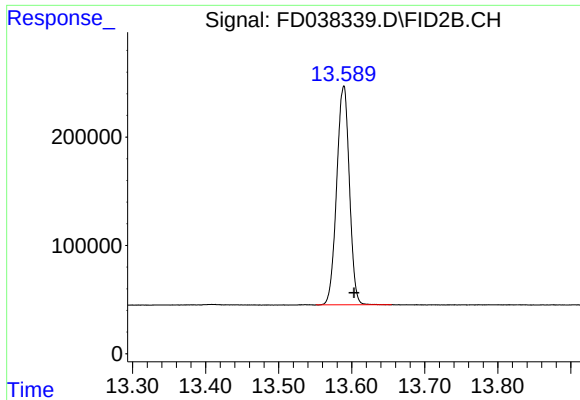
#11 n-Heneicosane (C21)

R.T.: 13.006 min
Delta R.T.: -0.016 min
Response: 2520111
Conc: 18.55 ug/ml



#12 1-chlorooctadecane (SURR)

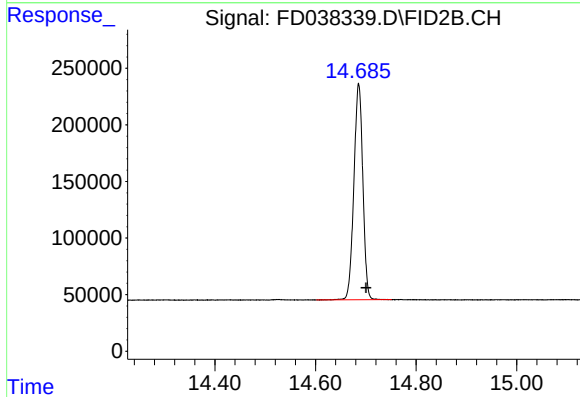
R.T.: 12.837 min
Delta R.T.: -0.016 min
Response: 2062397
Conc: 18.09 ug/ml



#13 n-Docosane (C22)

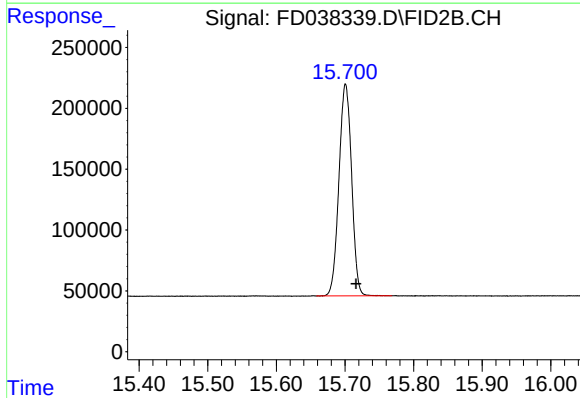
R.T.: 13.589 min
Delta R.T.: -0.015 min
Response: 2441632
Conc: 18.15 ug/ml

Instrument :
FID_D
ClientSampleId :



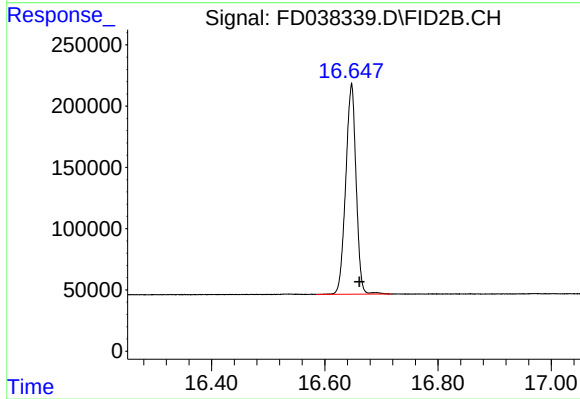
#14 n-Tetracosane (C24)

R.T.: 14.686 min
Delta R.T.: -0.015 min
Response: 2358561
Conc: 17.47 ug/ml



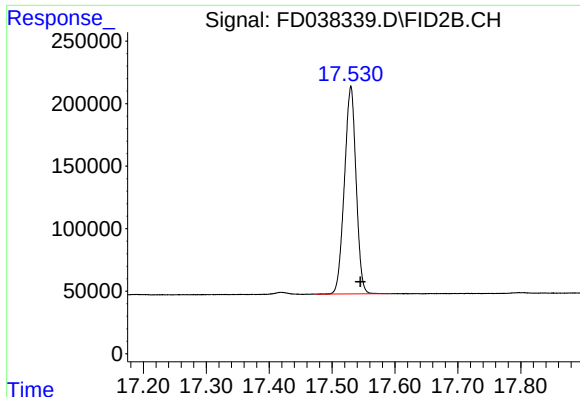
#15 n-Hexacosane (C26)

R.T.: 15.701 min
Delta R.T.: -0.015 min
Response: 2228904
Conc: 16.92 ug/ml



#16 n-Octacosane (C28)

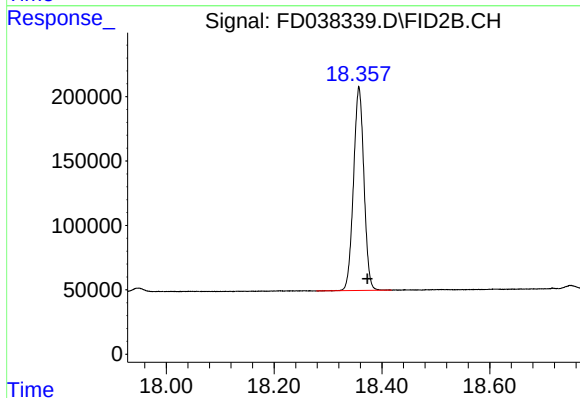
R.T.: 16.647 min
Delta R.T.: -0.014 min
Response: 2188358
Conc: 16.78 ug/ml



#17 n-Tricontane (C30)

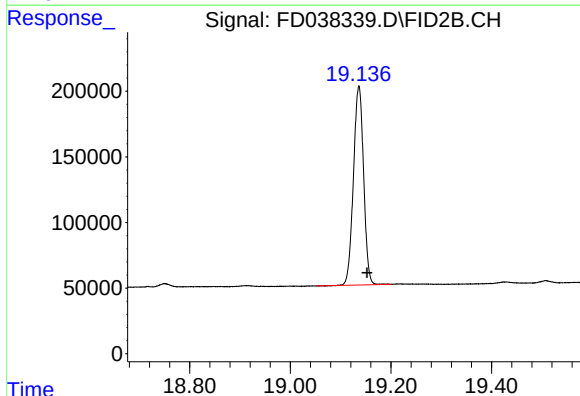
R.T.: 17.530 min
Delta R.T.: -0.015 min
Response: 2142072
Conc: 16.76 ug/ml

Instrument :
FID_D
ClientSampleId :



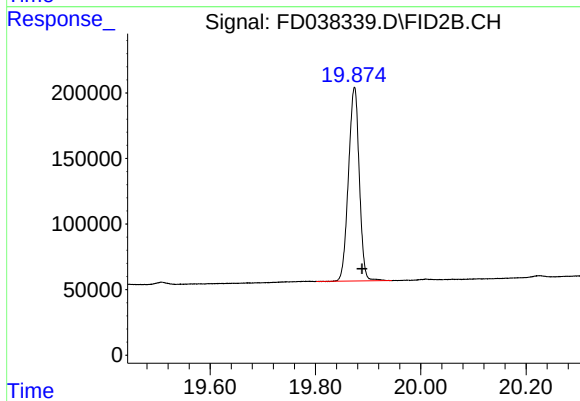
#18 n-Dotriacontane (C32)

R.T.: 18.357 min
Delta R.T.: -0.016 min
Response: 2116497
Conc: 17.20 ug/ml



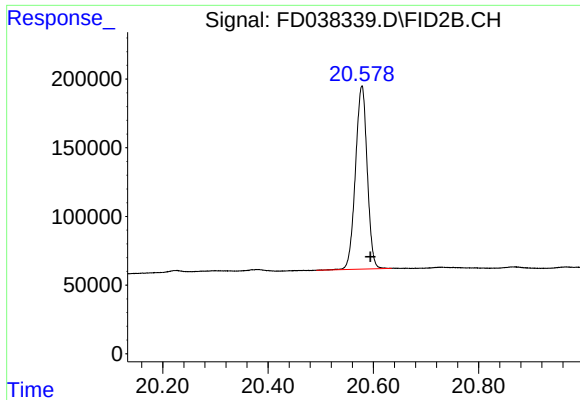
#19 n-Tetratriacontane (C34)

R.T.: 19.136 min
Delta R.T.: -0.016 min
Response: 2125100
Conc: 18.15 ug/ml



#20 n-Hexatriacontane (C36)

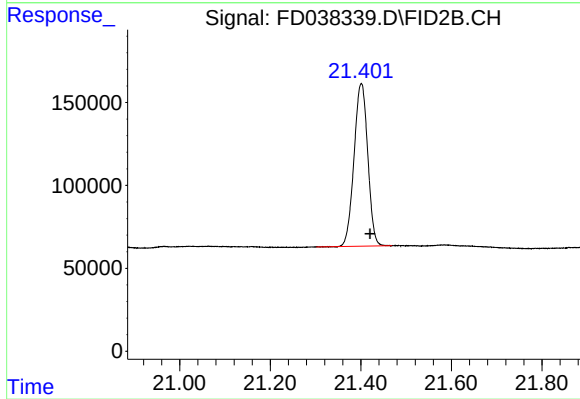
R.T.: 19.874 min
Delta R.T.: -0.015 min
Response: 2103973
Conc: 19.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.578 min
Delta R.T.: -0.016 min
Response: 2062080
Conc: 20.47 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.401 min
Delta R.T.: -0.020 min
Response: 2061012
Conc: 21.07 ug/ml