

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072121AL\
 Data File : FD038311.D
 Signal(s) : FID2B.CH
 Acq On : 21 Jul 2021 15:59
 Operator : AJ\MA
 Sample : FCS CHECK SOL 2
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 22 01:09:35 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			
12) S 1-chlorooctadecane (S...	12.845	1925520	16.889 ug/ml
Spiked Amount 50.000		Recovery =	33.78%
Target Compounds			
1) T n-Nonane (C9)	3.225	3079792	25.345 ug/ml
2) T n-Decane (C10)	4.282	4101727	33.535 ug/ml
4) T n-Dodecane (C12)	6.288	5023026	40.329 ug/ml
6) T n-Tetradecane (C14)	8.074	5178047	40.287 ug/ml
7) T n-Hexadecane (C16)	9.668	5304449	40.934 ug/ml
8) T n-Octadecane (C18)	11.103	5548522	41.200 ug/ml
10) T n-Eicosane (C20)	12.407	5318340	39.595 ug/ml
11) T n-Heneicosane (C21)	13.016	5281619	38.875 ug/ml
13) T n-Docosane (C22)	13.599	5166502	38.398 ug/ml
14) T n-Tetracosane (C24)	14.696	5053863	37.427 ug/ml
15) T n-Hexacosane (C26)	15.712	4791083	36.364 ug/ml
16) T n-Octacosane (C28)	16.658	4589704	35.200 ug/ml
17) T n-Tricontane (C30)	17.541	4461879	34.915 ug/ml
18) T n-Dotriacontane (C32)	18.369	4335349	35.234 ug/ml
19) T n-Tetratriacontane (C34)	19.149	4162959	35.549 ug/ml
20) T n-Hexatriacontane (C36)	19.886	4015524	36.769 ug/ml
21) T n-Octatriacontane (C38)	20.590	3872602	38.450 ug/ml
22) T n-Tetracontane (C40)	21.418	3883595	39.708 ug/ml

(f)=RT Delta > 1/2 Window

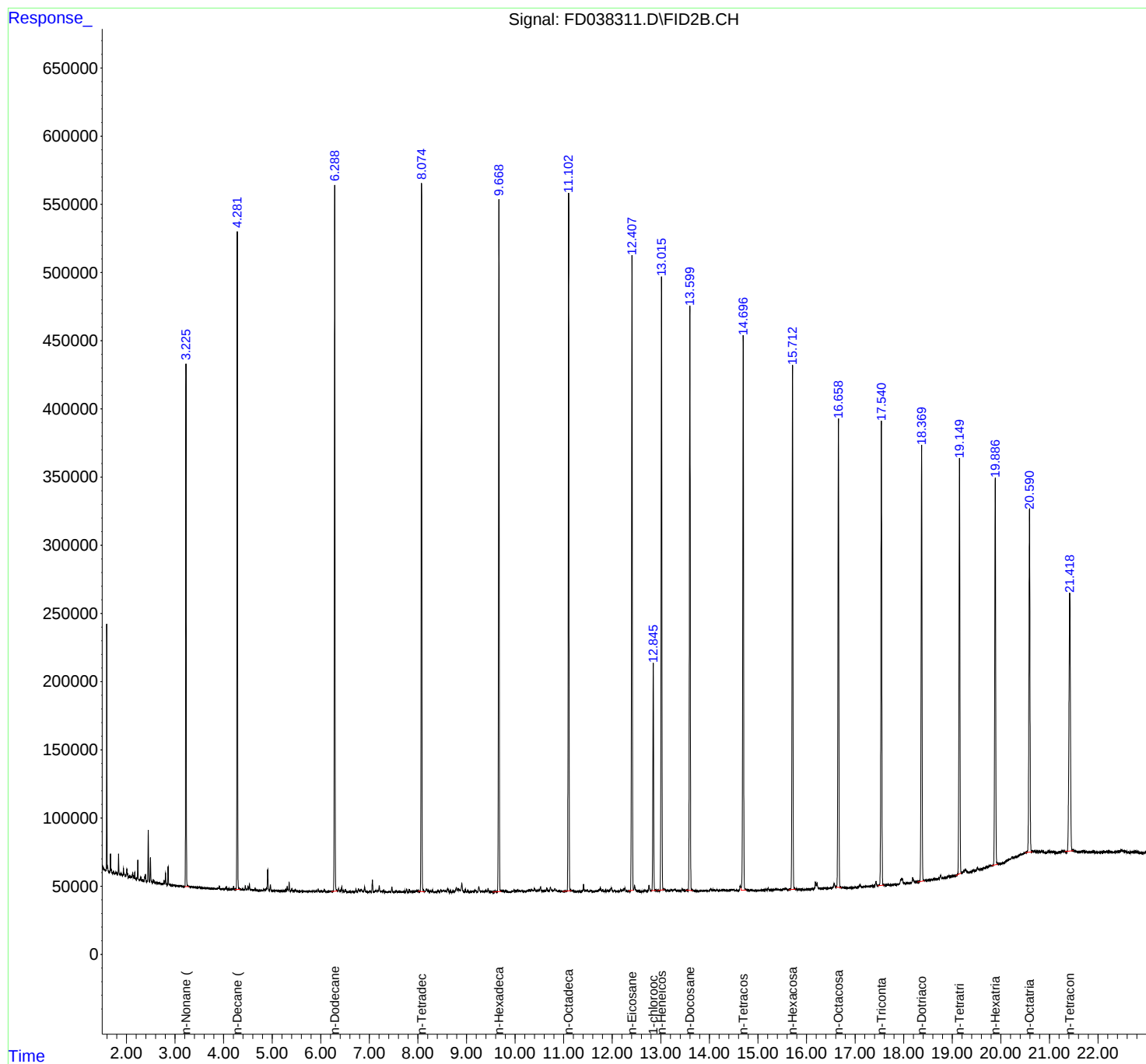
(m)=manual int.

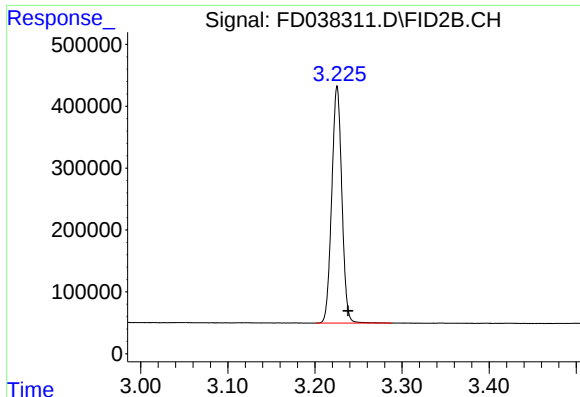
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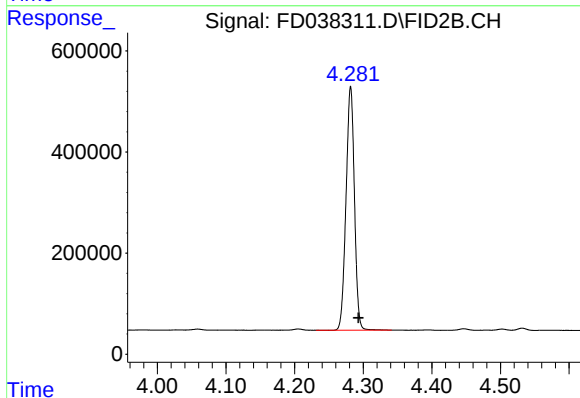




#1 n-Nonane (C9)

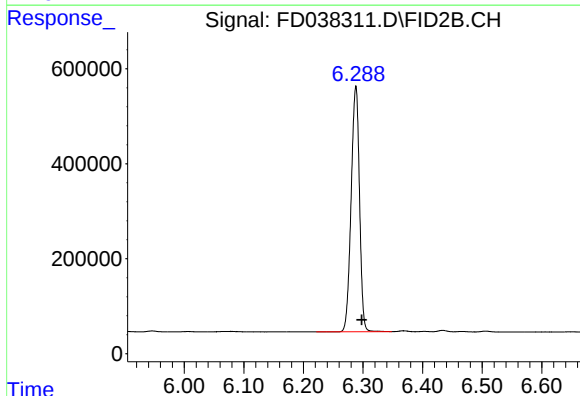
R.T.: 3.225 min
Delta R.T.: -0.013 min
Response: 3079792
Conc: 25.34 ug/ml

Instrument :
FID_D
ClientSampleId :



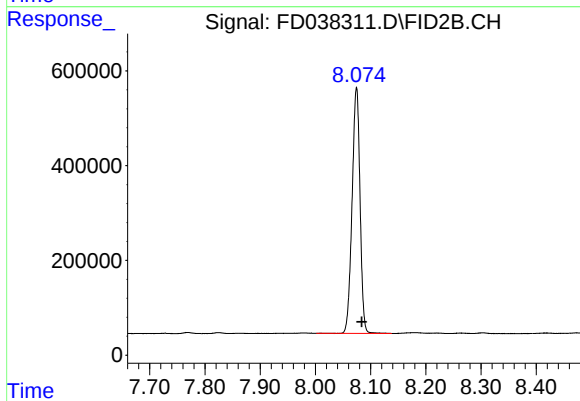
#2 n-Decane (C10)

R.T.: 4.282 min
Delta R.T.: -0.011 min
Response: 4101727
Conc: 33.53 ug/ml



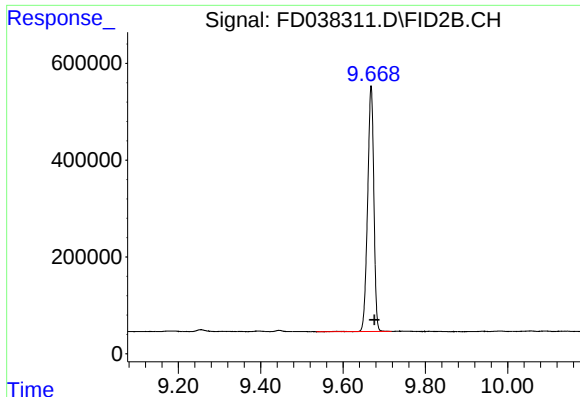
#4 n-Dodecane (C12)

R.T.: 6.288 min
Delta R.T.: -0.010 min
Response: 5023026
Conc: 40.33 ug/ml



#6 n-Tetradecane (C14)

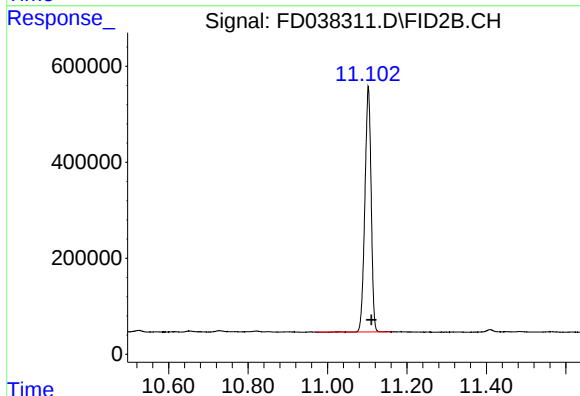
R.T.: 8.074 min
Delta R.T.: -0.009 min
Response: 5178047
Conc: 40.29 ug/ml



#7 n-Hexadecane (C16)

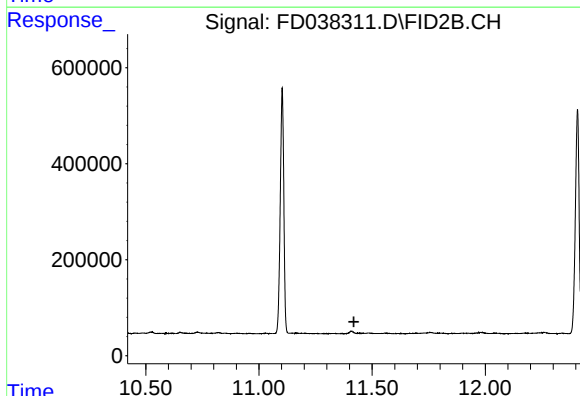
R.T.: 9.668 min
Delta R.T.: -0.008 min
Response: 5304449
Conc: 40.93 ug/ml

Instrument :
FID_D
ClientSampleId :



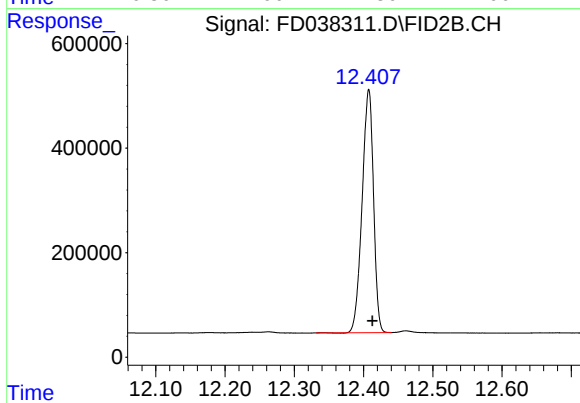
#8 n-Octadecane (C18)

R.T.: 11.103 min
Delta R.T.: -0.008 min
Response: 5548522
Conc: 41.20 ug/ml



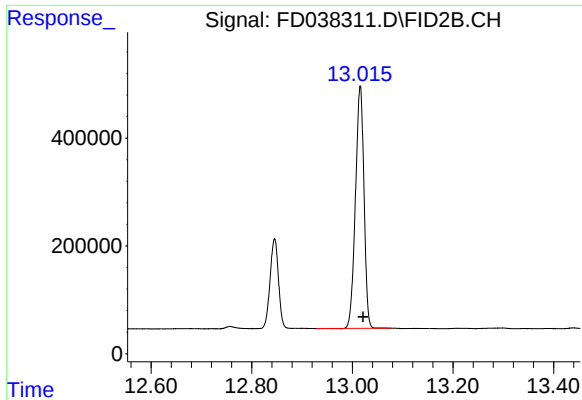
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.420 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

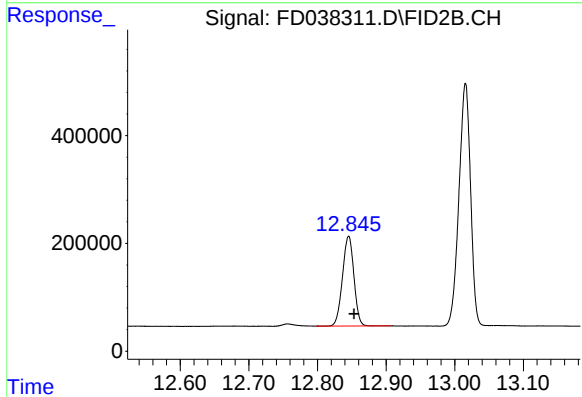
R.T.: 12.407 min
Delta R.T.: -0.005 min
Response: 5318340
Conc: 39.60 ug/ml



#11 n-Heneicosane (C21)

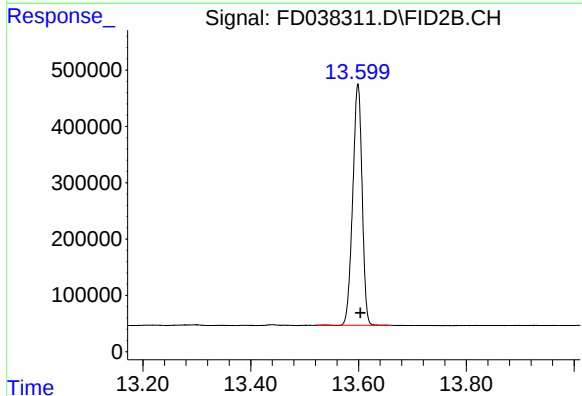
R.T.: 13.016 min
Delta R.T.: -0.006 min
Response: 5281619
Conc: 38.88 ug/ml

Instrument :
FID_D
ClientSampleId :



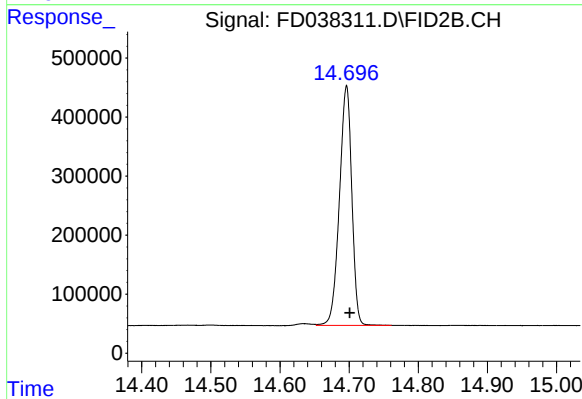
#12 1-chlorooctadecane (SURR)

R.T.: 12.845 min
Delta R.T.: -0.008 min
Response: 1925520
Conc: 16.89 ug/ml



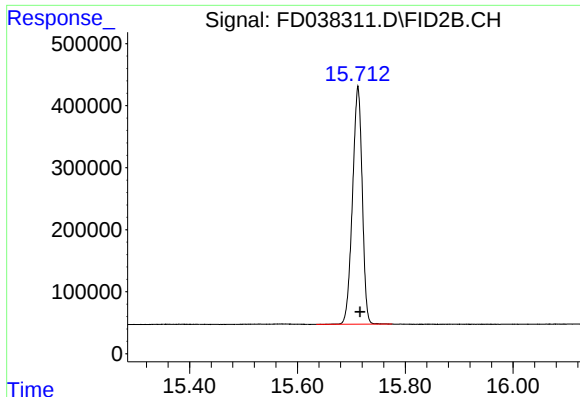
#13 n-Docosane (C22)

R.T.: 13.599 min
Delta R.T.: -0.005 min
Response: 5166502
Conc: 38.40 ug/ml



#14 n-Tetracosane (C24)

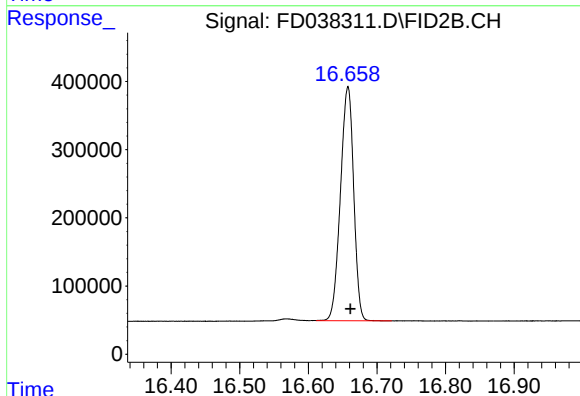
R.T.: 14.696 min
Delta R.T.: -0.005 min
Response: 5053863
Conc: 37.43 ug/ml



#15 n-Hexacosane (C26)

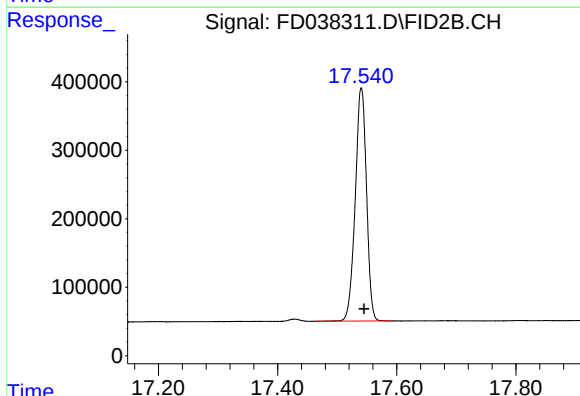
R.T.: 15.712 min
Delta R.T.: -0.004 min
Response: 4791083
Conc: 36.36 ug/ml

Instrument :
FID_D
ClientSampleId :



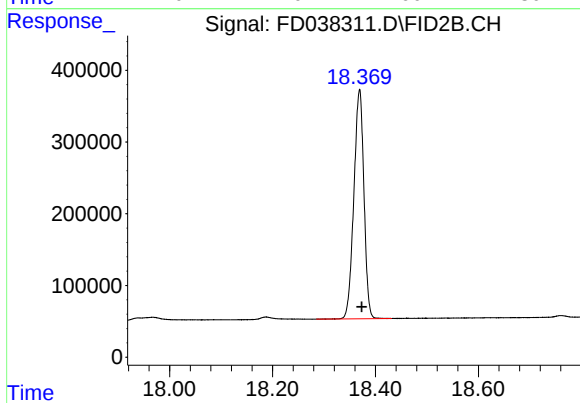
#16 n-Octacosane (C28)

R.T.: 16.658 min
Delta R.T.: -0.004 min
Response: 4589704
Conc: 35.20 ug/ml



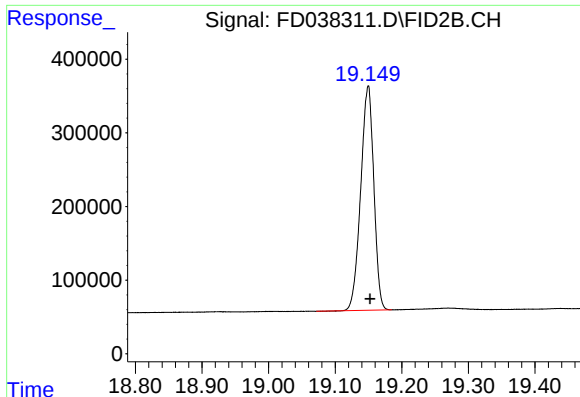
#17 n-Tricontane (C30)

R.T.: 17.541 min
Delta R.T.: -0.004 min
Response: 4461879
Conc: 34.91 ug/ml



#18 n-Dotriacontane (C32)

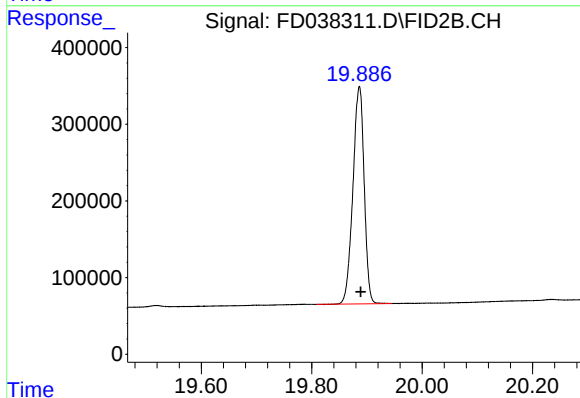
R.T.: 18.369 min
Delta R.T.: -0.005 min
Response: 4335349
Conc: 35.23 ug/ml



#19 n-Tetratriacontane (C34)

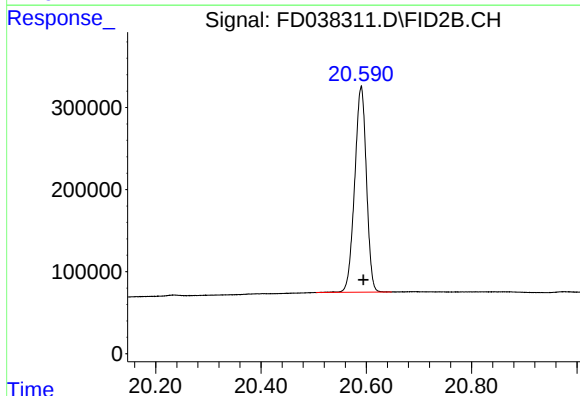
R.T.: 19.149 min
Delta R.T.: -0.003 min
Response: 4162959
Conc: 35.55 ug/ml

Instrument :
FID_D
ClientSampleId :



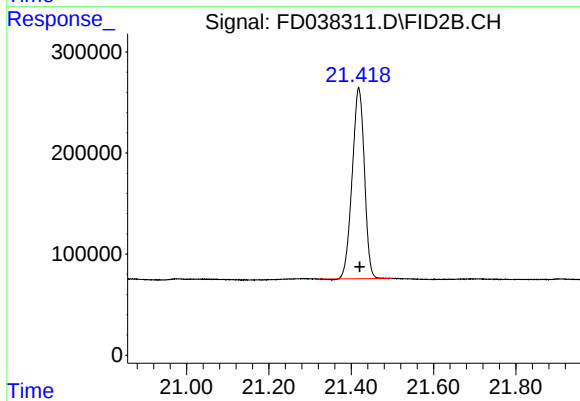
#20 n-Hexatriacontane (C36)

R.T.: 19.886 min
Delta R.T.: -0.003 min
Response: 4015524
Conc: 36.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.590 min
Delta R.T.: -0.004 min
Response: 3872602
Conc: 38.45 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.418 min
Delta R.T.: -0.002 min
Response: 3883595
Conc: 39.71 ug/ml