

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD053122AL\
 Data File : FD042692.D
 Signal(s) : FID2B.CH
 Acq On : 31 May 2022 18:13
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 01 03:07:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 07:55:57 2022
 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)	11.579	3719687	22.397 ug/ml
Spiked Amount 50.000		Recovery =	44.79%
12) S 1-chlorooctadecane (S...	13.014	2949694	22.586 ug/ml
Spiked Amount 50.000		Recovery =	45.17%
Target Compounds			
1) T n-Nonane (C9)	3.348	3113722	22.477 ug/ml
2) T n-Decane (C10)	4.416	3107008	22.501 ug/ml
3) T A~Naphthalene (C11.7)	5.999	3535133	22.472 ug/ml
4) T n-Dodecane (C12)	6.433	3196023	22.554 ug/ml
5) T A~2-methylnaphthalene...	7.053	3598694	22.478 ug/ml
6) T n-Tetradecane (C14)	8.226	3246989	22.546 ug/ml
7) T n-Hexadecane (C16)	9.824	3327335	22.557 ug/ml
8) T n-Octadecane (C18)	11.263	3410578	22.659 ug/ml
10) T n-Eicosane (C20)	12.570	3473845	23.101 ug/ml
11) T n-Heneicosane (C21)	13.181	3413950	22.552 ug/ml
13) T n-Docosane (C22)	13.766	3632690	24.032 ug/ml
14) T n-Tetracosane (C24)	14.866	3916007	26.093 ug/ml
15) T n-Hexacosane (C26)	15.884	4109547	28.188 ug/ml
16) T n-Octacosane (C28)	16.831	4240643	30.405 ug/ml
17) T n-Tricontane (C30)	17.716	4127936	31.574 ug/ml
18) T n-Dotriacontane (C32)	18.544	3609564	30.570 ug/ml
19) T n-Tetratriacontane (C34)	19.326	2875046	27.046 ug/ml
20) T n-Hexatriacontane (C36)	20.064	2477946	25.342 ug/ml
21) T n-Octatriacontane (C38)	20.793	2274833	24.940 ug/ml
22) T n-Tetracontane (C40)	21.693	2249385	27.759 ug/ml

(f)=RT Delta > 1/2 Window

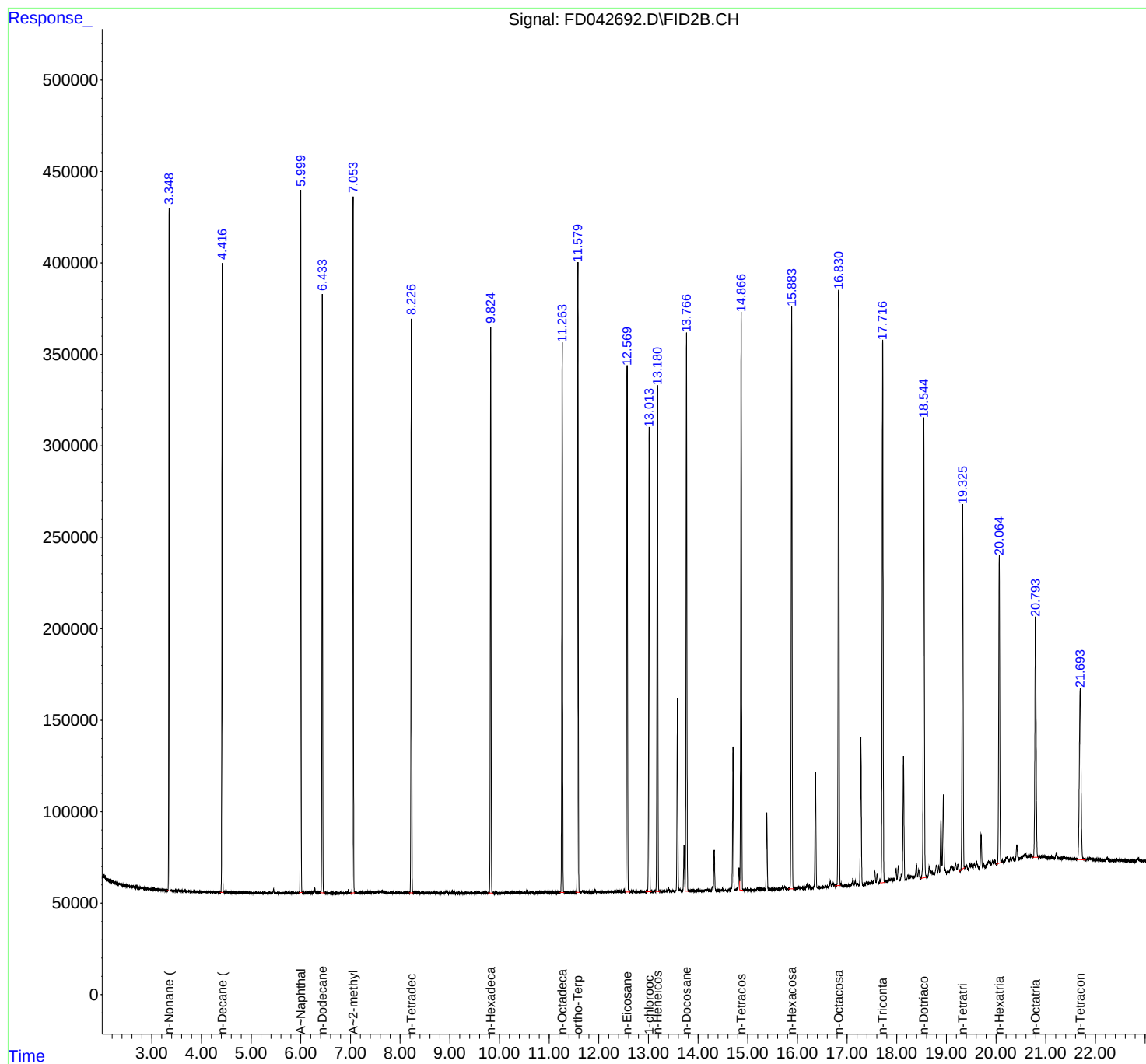
(m)=manual int.

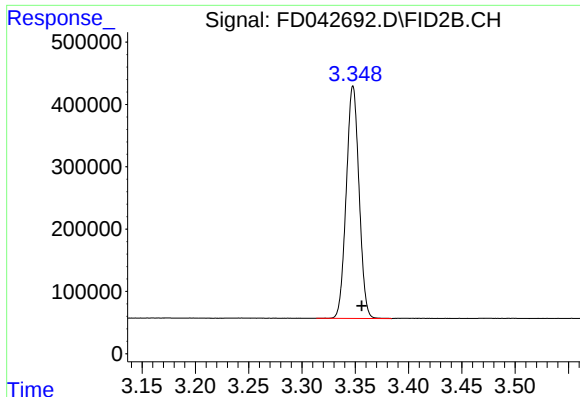
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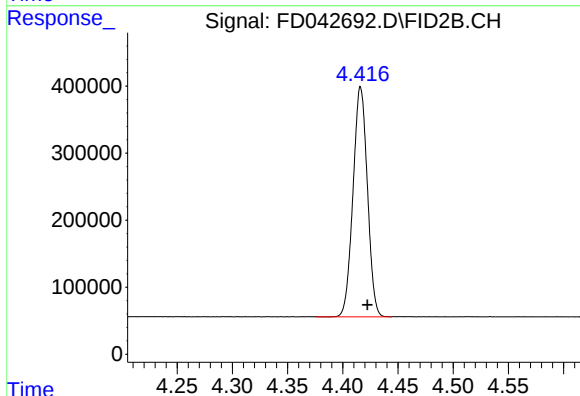




#1 n-Nonane (C9)

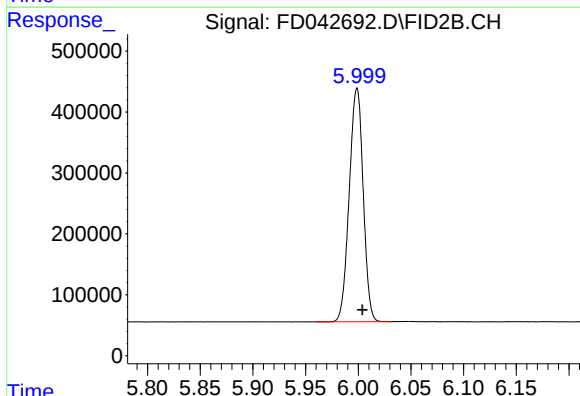
R.T.: 3.348 min
Delta R.T.: -0.008 min
Response: 3113722
Conc: 22.48 ug/ml

Instrument :
FID_D
ClientSampleId :



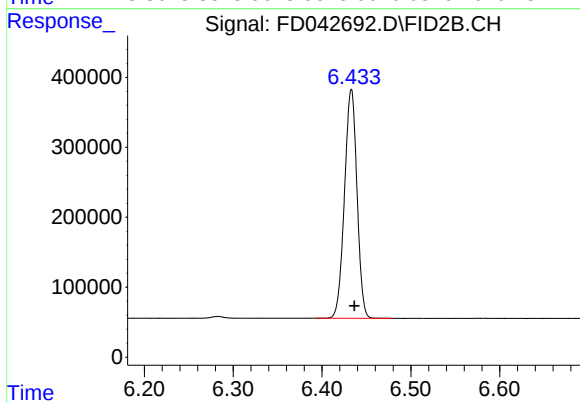
#2 n-Decane (C10)

R.T.: 4.416 min
Delta R.T.: -0.006 min
Response: 3107008
Conc: 22.50 ug/ml



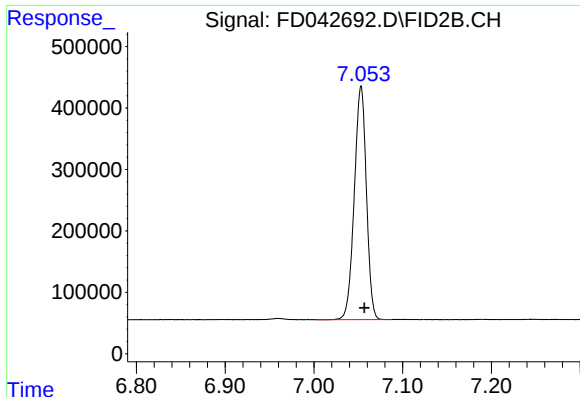
#3 A~Naphthalene (C11.7)

R.T.: 5.999 min
Delta R.T.: -0.005 min
Response: 3535133
Conc: 22.47 ug/ml



#4 n-Dodecane (C12)

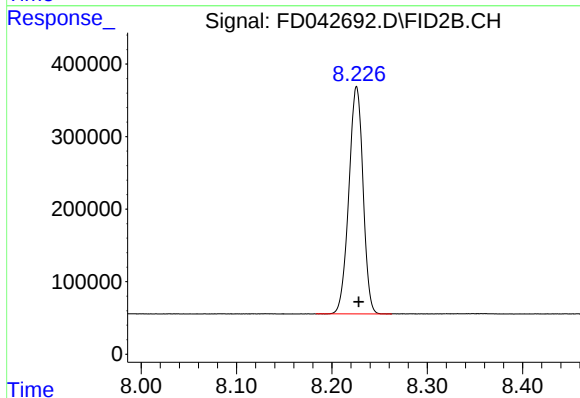
R.T.: 6.433 min
Delta R.T.: -0.003 min
Response: 3196023
Conc: 22.55 ug/ml



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

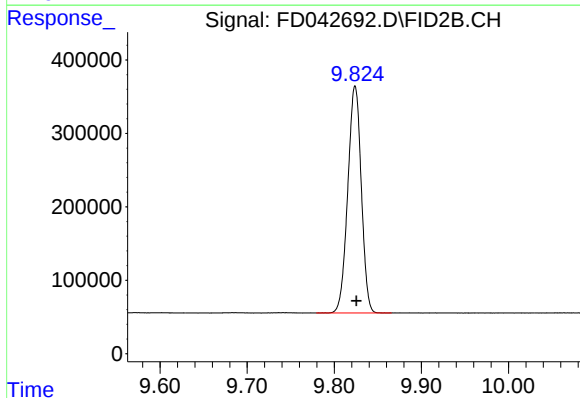
R.T.: 7.053 min
Delta R.T.: -0.004 min
Response: 3598694
Conc: 22.48 ug/ml

Instrument :
FID_D
ClientSampleId :



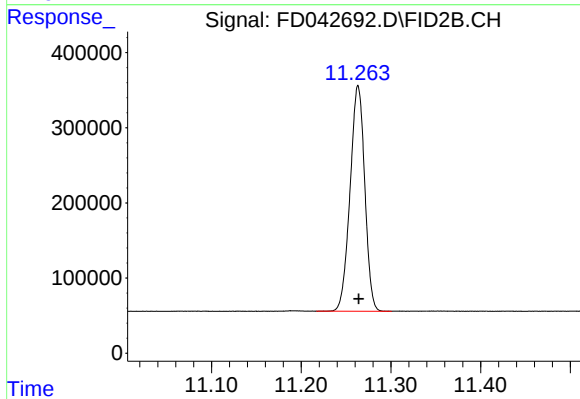
#6 n-Tetradecane (C14)

R.T.: 8.226 min
Delta R.T.: -0.002 min
Response: 3246989
Conc: 22.55 ug/ml



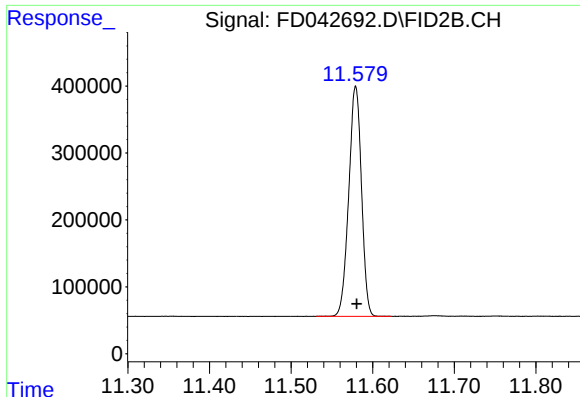
#7 n-Hexadecane (C16)

R.T.: 9.824 min
Delta R.T.: -0.001 min
Response: 3327335
Conc: 22.56 ug/ml



#8 n-Octadecane (C18)

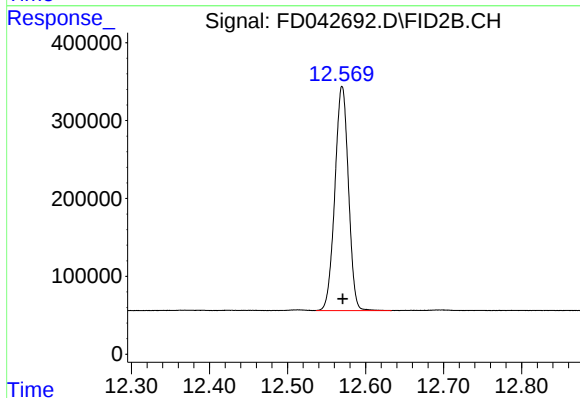
R.T.: 11.263 min
Delta R.T.: 0.000 min
Response: 3410578
Conc: 22.66 ug/ml



#9 ortho-Terphenyl (SURR)

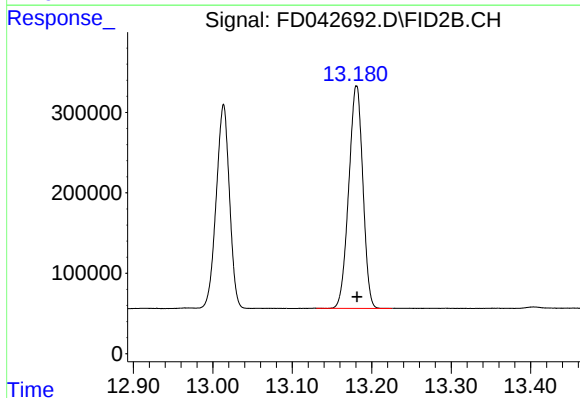
R.T.: 11.579 min
Delta R.T.: -0.001 min
Response: 3719687
Conc: 22.40 ug/ml

Instrument :
FID_D
ClientSampleId :



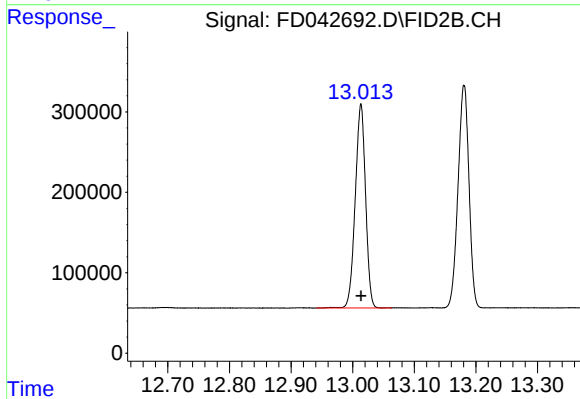
#10 n-Eicosane (C20)

R.T.: 12.570 min
Delta R.T.: 0.000 min
Response: 3473845
Conc: 23.10 ug/ml



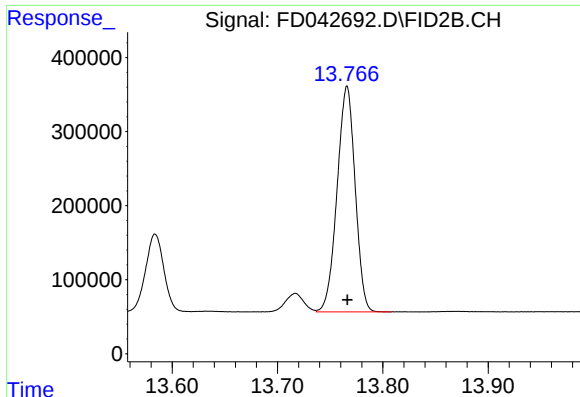
#11 n-Heneicosane (C21)

R.T.: 13.181 min
Delta R.T.: 0.000 min
Response: 3413950
Conc: 22.55 ug/ml



#12 1-chlorooctadecane (SURR)

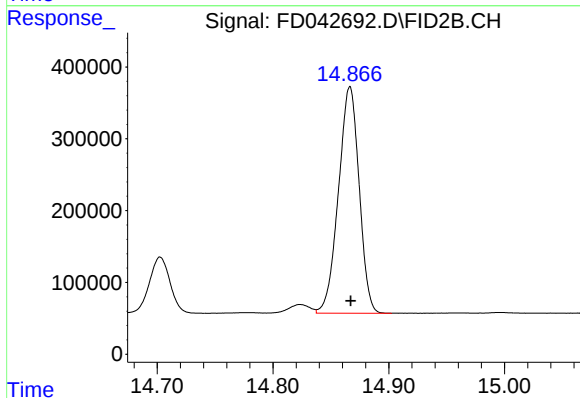
R.T.: 13.014 min
Delta R.T.: 0.000 min
Response: 2949694
Conc: 22.59 ug/ml



#13 n-Docosane (C22)

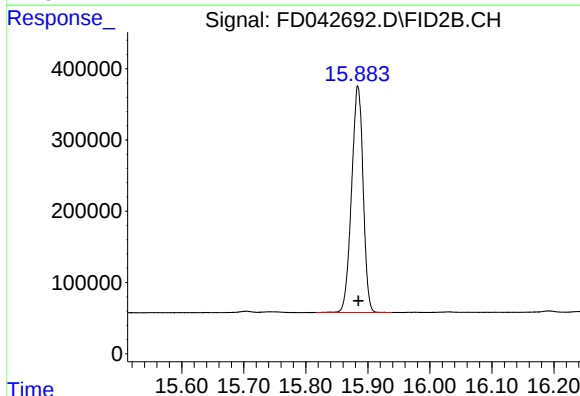
R.T.: 13.766 min
Delta R.T.: 0.000 min
Response: 3632690
Conc: 24.03 ug/ml

Instrument :
FID_D
ClientSampleId :



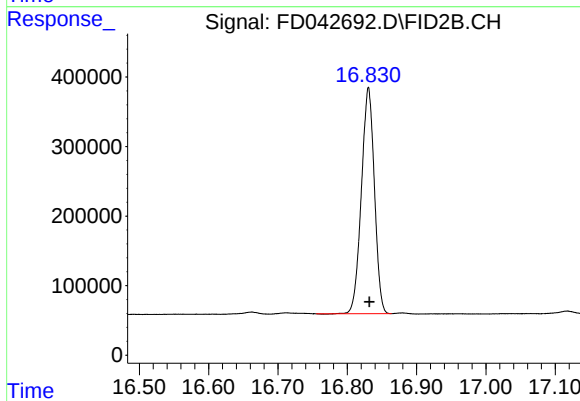
#14 n-Tetracosane (C24)

R.T.: 14.866 min
Delta R.T.: 0.000 min
Response: 3916007
Conc: 26.09 ug/ml



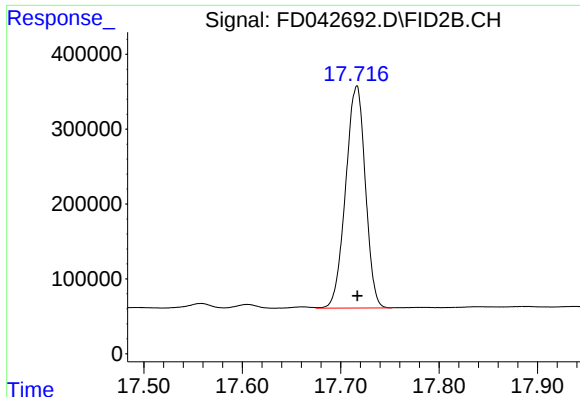
#15 n-Hexacosane (C26)

R.T.: 15.884 min
Delta R.T.: 0.000 min
Response: 4109547
Conc: 28.19 ug/ml



#16 n-Octacosane (C28)

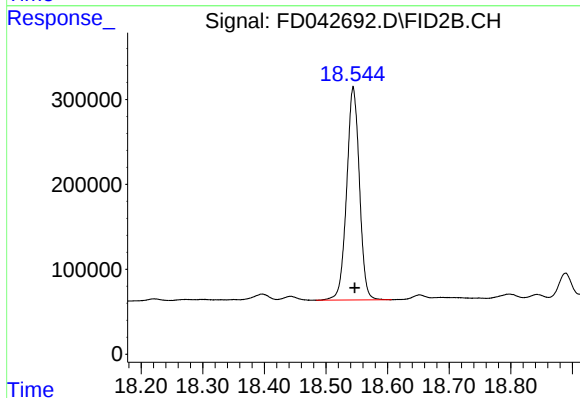
R.T.: 16.831 min
Delta R.T.: -0.001 min
Response: 4240643
Conc: 30.40 ug/ml



#17 n-Tricontane (C30)

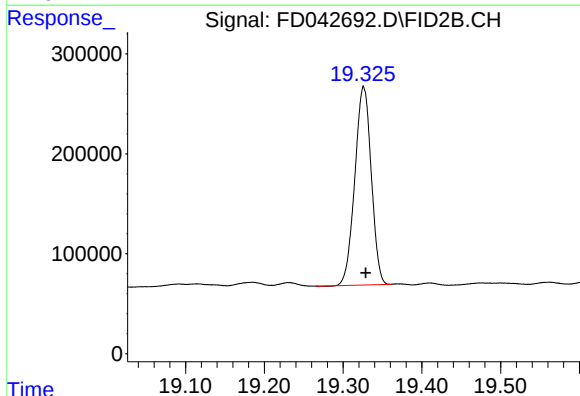
R.T.: 17.716 min
Delta R.T.: 0.000 min
Response: 4127936
Conc: 31.57 ug/ml

Instrument :
FID_D
ClientSampleId :



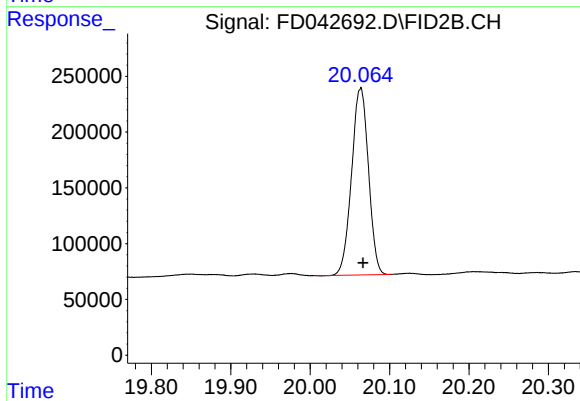
#18 n-Dotriacontane (C32)

R.T.: 18.544 min
Delta R.T.: -0.002 min
Response: 3609564
Conc: 30.57 ug/ml



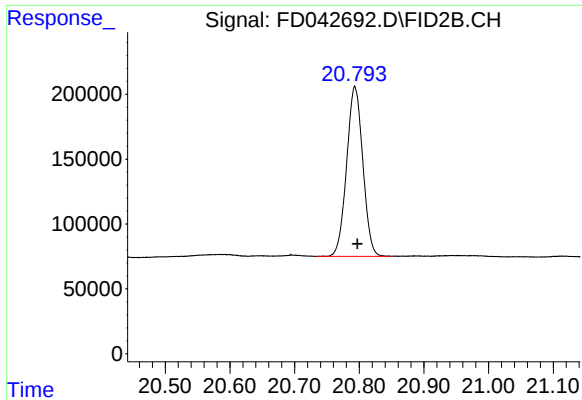
#19 n-Tetratriacontane (C34)

R.T.: 19.326 min
Delta R.T.: -0.003 min
Response: 2875046
Conc: 27.05 ug/ml



#20 n-Hexatriacontane (C36)

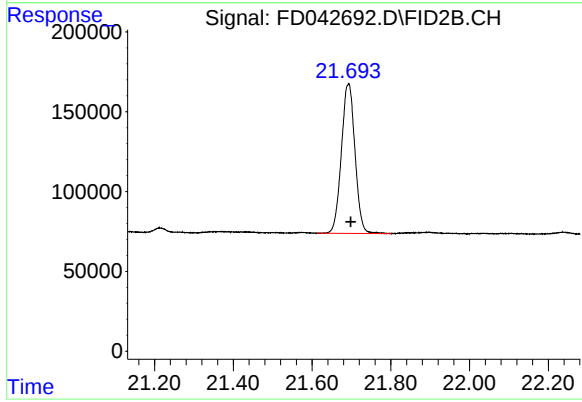
R.T.: 20.064 min
Delta R.T.: -0.003 min
Response: 2477946
Conc: 25.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.793 min
Delta R.T.: -0.004 min
Response: 2274833
Conc: 24.94 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.693 min
Delta R.T.: -0.005 min
Response: 2249385
Conc: 27.76 ug/ml