

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010622AL\
 Data File : FD040465.D
 Signal(s) : FID2B.CH
 Acq On : 06 Jan 2022 13:38
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 07 00:44:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 07:08:39 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)	10.625	3518890	22.822 ug/ml
Spiked Amount 50.000		Recovery =	45.64%
12) S 1-chlorooctadecane (S...	12.064	2677700	22.749 ug/ml
Spiked Amount 50.000		Recovery =	45.50%
Target Compounds			
1) T n-Nonane (C9)	2.574	2903389	22.615 ug/ml
2) T n-Decane (C10)	3.561	2944164	22.864 ug/ml
3) T A~Naphthalene (C11.7)	5.092	3287625	23.141 ug/ml
4) T n-Dodecane (C12)	5.530	2971305	23.247 ug/ml
5) T A~2-methylnaphthalene...	6.132	3313088	23.485 ug/ml
6) T n-Tetradecane (C14)	7.307	3041197	23.477 ug/ml
7) T n-Hexadecane (C16)	8.893	3061792	23.501 ug/ml
8) T n-Octadecane (C18)	10.325	3140417	23.176 ug/ml
10) T n-Eicosane (C20)	11.626	3103482	22.816 ug/ml
11) T n-Heneicosane (C21)	12.234	3118729	22.522 ug/ml
13) T n-Docosane (C22)	12.817	3079490	22.333 ug/ml
14) T n-Tetracosane (C24)	13.914	3042899	21.762 ug/ml
15) T n-Hexacosane (C26)	14.929	2930285	21.258 ug/ml
16) T n-Octacosane (C28)	15.874	2856252	21.050 ug/ml
17) T n-Tricontane (C30)	16.756	2787088	21.384 ug/ml
18) T n-Dotriacontane (C32)	17.585	2589596	21.662 ug/ml
19) T n-Tetratriacontane (C34)	18.364	2396360	22.759 ug/ml
20) T n-Hexatriacontane (C36)	19.100	2214930	21.858 ug/ml
21) T n-Octatriacontane (C38)	19.800	2092879	23.425 ug/ml
22) T n-Tetracontane (C40)	20.602	2087487	24.420 ug/ml

(f)=RT Delta > 1/2 Window

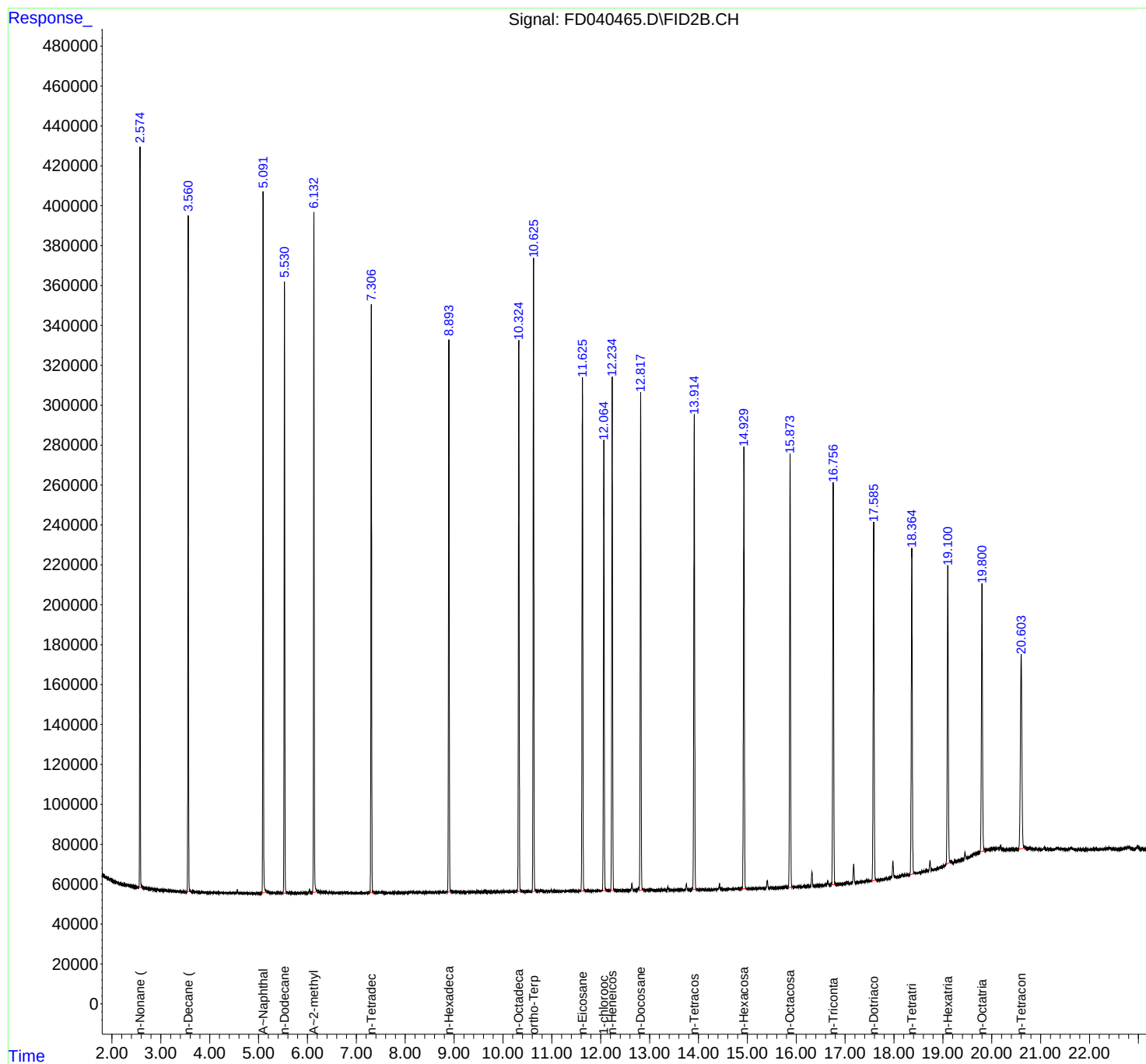
(m)=manual int.

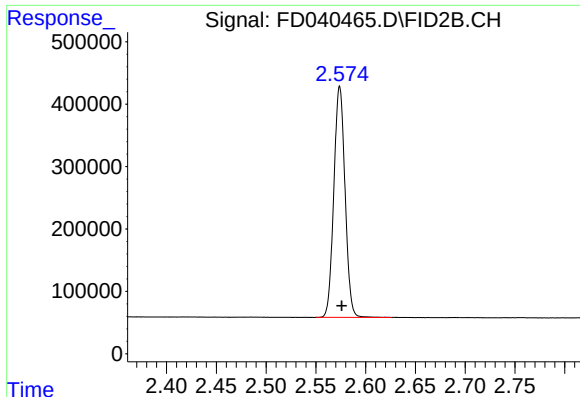
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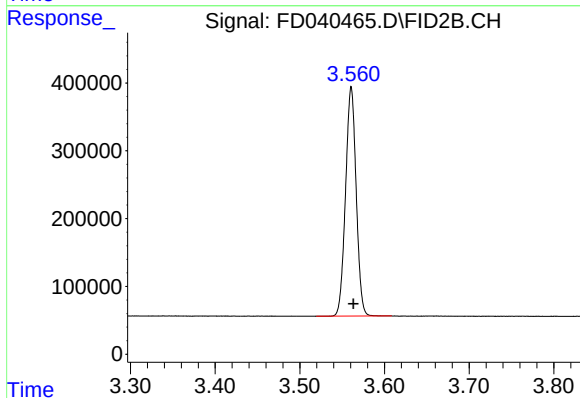




#1 n-Nonane (C9)

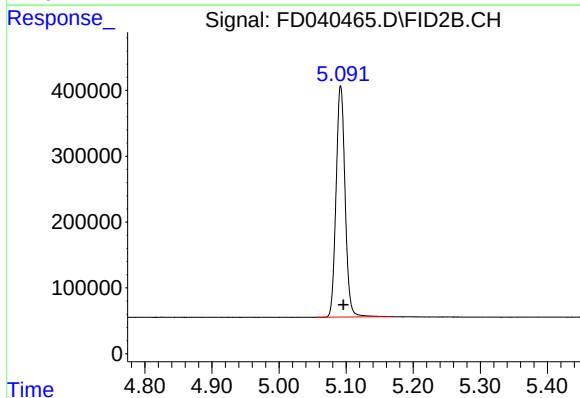
R.T.: 2.574 min
Delta R.T.: -0.002 min
Response: 2903389
Conc: 22.62 ug/ml

Instrument :
FID_D
ClientSampleId :



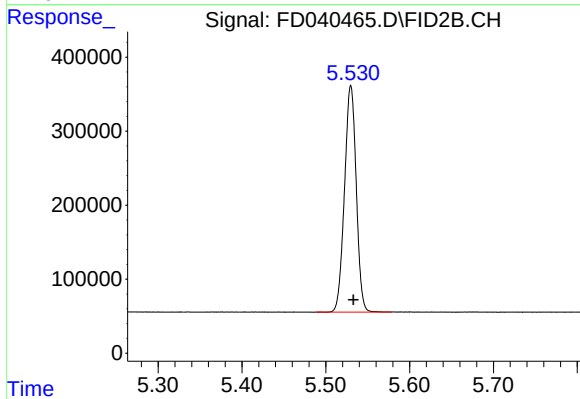
#2 n-Decane (C10)

R.T.: 3.561 min
Delta R.T.: -0.003 min
Response: 2944164
Conc: 22.86 ug/ml



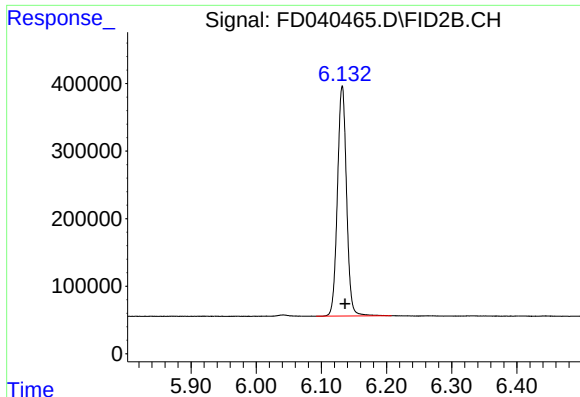
#3 A~Naphthalene (C11.7)

R.T.: 5.092 min
Delta R.T.: -0.004 min
Response: 3287625
Conc: 23.14 ug/ml



#4 n-Dodecane (C12)

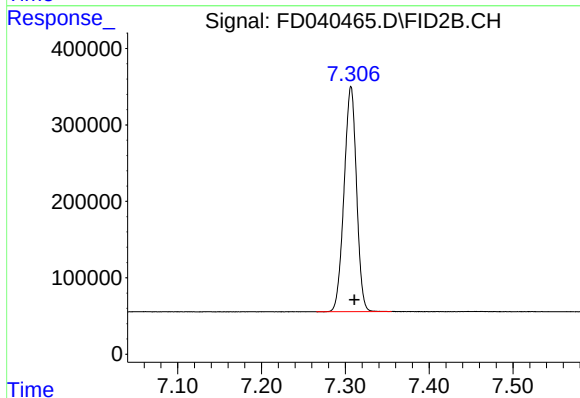
R.T.: 5.530 min
Delta R.T.: -0.003 min
Response: 2971305
Conc: 23.25 ug/ml



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

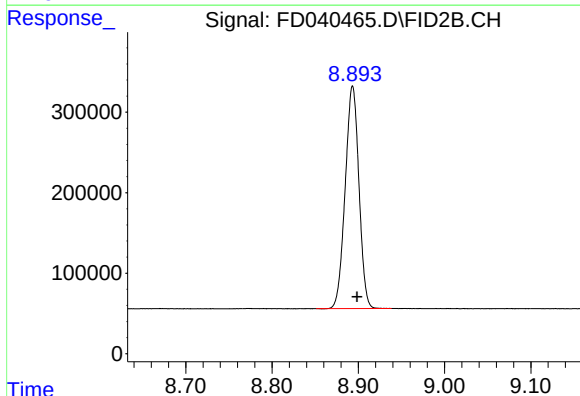
R.T.: 6.132 min
Delta R.T.: -0.004 min
Response: 3313088
Conc: 23.48 ug/ml

Instrument :
FID_D
ClientSampleId :



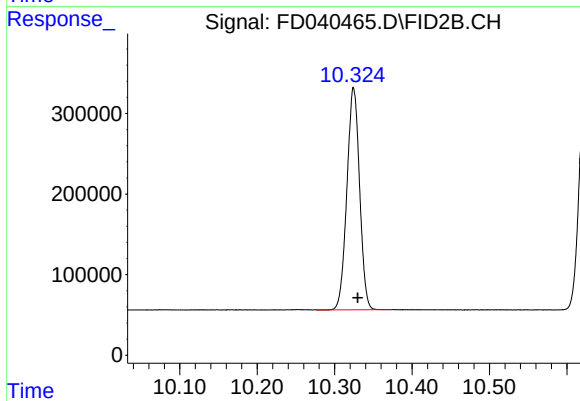
#6 n-Tetradecane (C14)

R.T.: 7.307 min
Delta R.T.: -0.004 min
Response: 3041197
Conc: 23.48 ug/ml



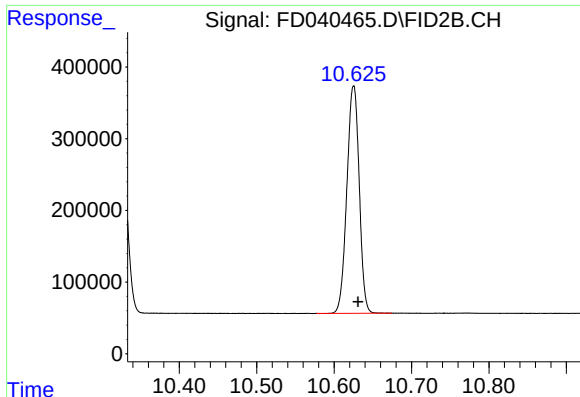
#7 n-Hexadecane (C16)

R.T.: 8.893 min
Delta R.T.: -0.005 min
Response: 3061792
Conc: 23.50 ug/ml



#8 n-Octadecane (C18)

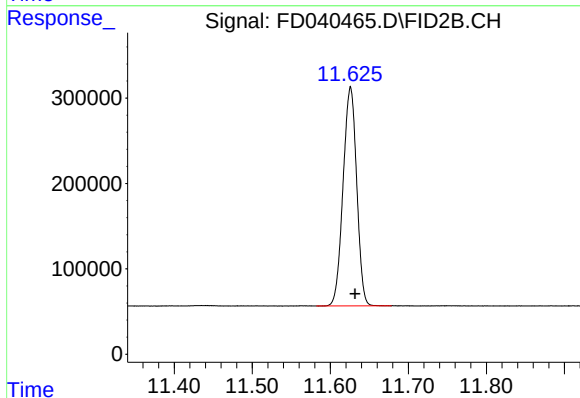
R.T.: 10.325 min
Delta R.T.: -0.005 min
Response: 3140417
Conc: 23.18 ug/ml



#9 ortho-Terphenyl (SURR)

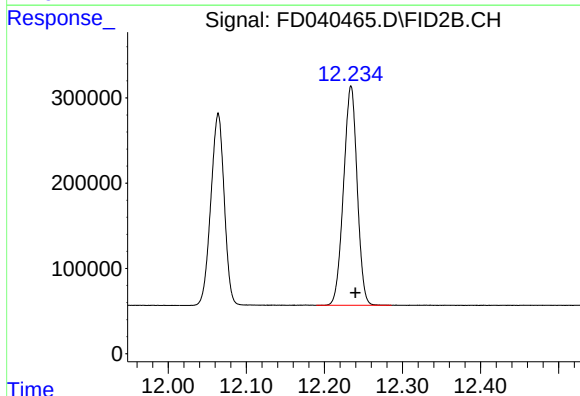
R.T.: 10.625 min
Delta R.T.: -0.006 min
Response: 3518890
Conc: 22.82 ug/ml

Instrument :
FID_D
ClientSampleId :



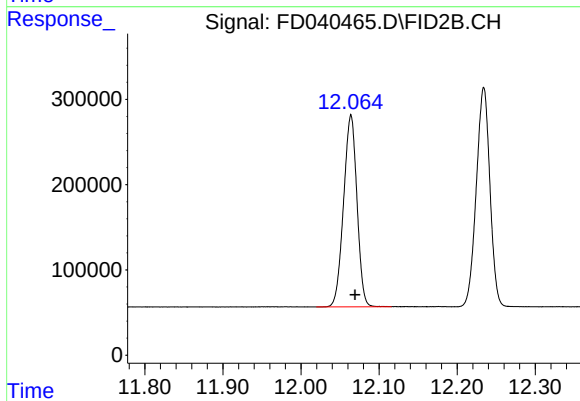
#10 n-Eicosane (C20)

R.T.: 11.626 min
Delta R.T.: -0.006 min
Response: 3103482
Conc: 22.82 ug/ml



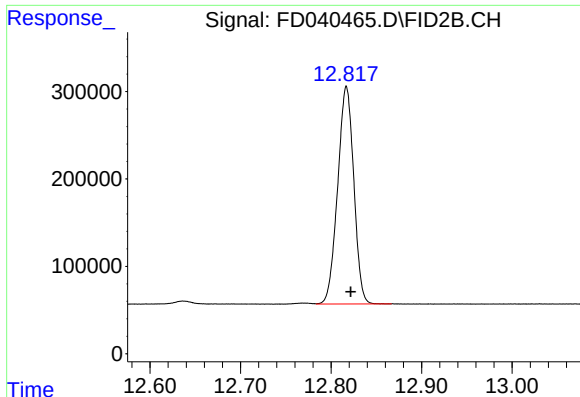
#11 n-Heneicosane (C21)

R.T.: 12.234 min
Delta R.T.: -0.005 min
Response: 3118729
Conc: 22.52 ug/ml



#12 1-chlorooctadecane (SURR)

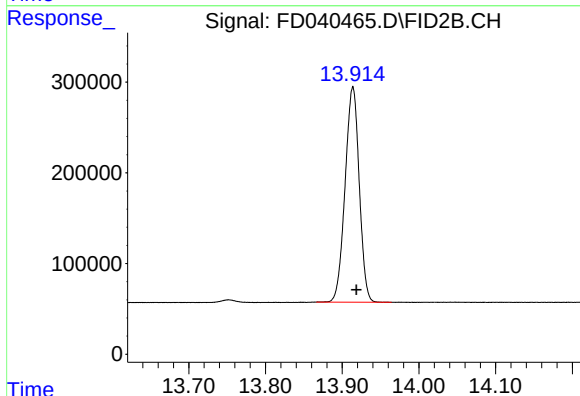
R.T.: 12.064 min
Delta R.T.: -0.005 min
Response: 2677700
Conc: 22.75 ug/ml



#13 n-Docosane (C22)

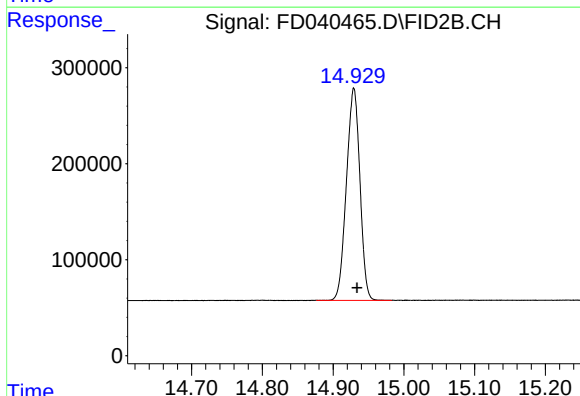
R.T.: 12.817 min
Delta R.T.: -0.005 min
Response: 3079490
Conc: 22.33 ug/ml

Instrument :
FID_D
ClientSampleId :



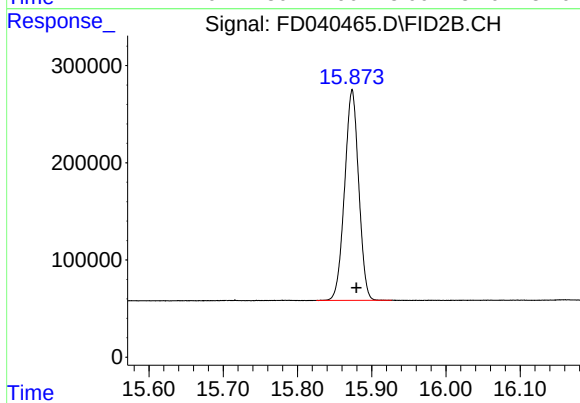
#14 n-Tetracosane (C24)

R.T.: 13.914 min
Delta R.T.: -0.005 min
Response: 3042899
Conc: 21.76 ug/ml



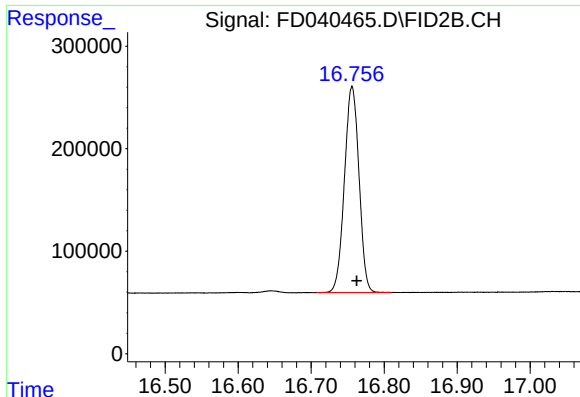
#15 n-Hexacosane (C26)

R.T.: 14.929 min
Delta R.T.: -0.005 min
Response: 2930285
Conc: 21.26 ug/ml



#16 n-Octacosane (C28)

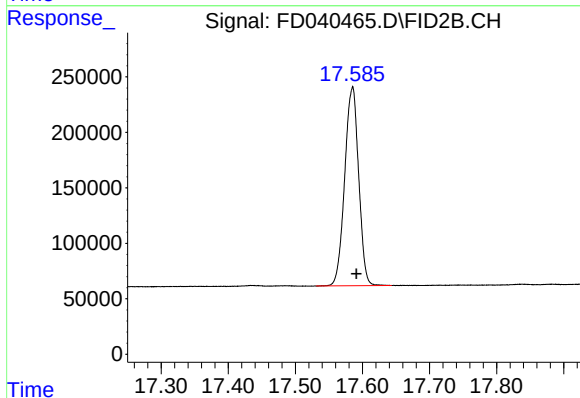
R.T.: 15.874 min
Delta R.T.: -0.006 min
Response: 2856252
Conc: 21.05 ug/ml



#17 n-Tricontane (C30)

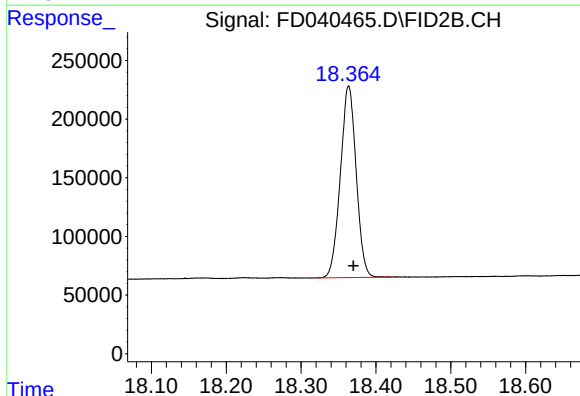
R.T.: 16.756 min
Delta R.T.: -0.006 min
Response: 2787088
Conc: 21.38 ug/ml

Instrument :
FID_D
ClientSampleId :



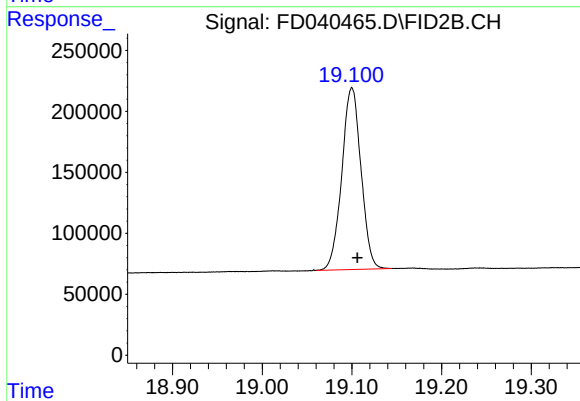
#18 n-Dotriacontane (C32)

R.T.: 17.585 min
Delta R.T.: -0.006 min
Response: 2589596
Conc: 21.66 ug/ml



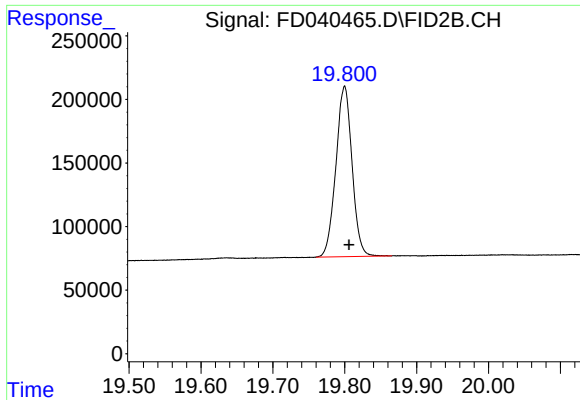
#19 n-Tetratriacontane (C34)

R.T.: 18.364 min
Delta R.T.: -0.006 min
Response: 2396360
Conc: 22.76 ug/ml



#20 n-Hexatriacontane (C36)

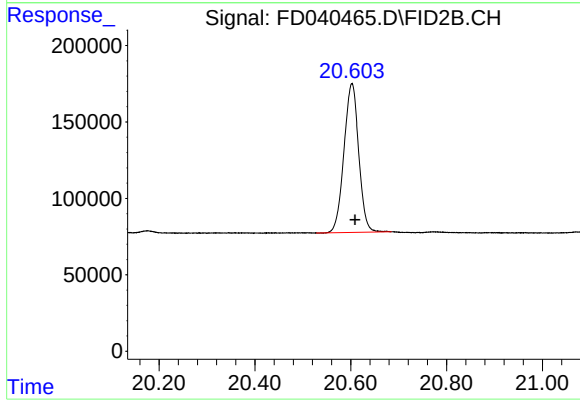
R.T.: 19.100 min
Delta R.T.: -0.006 min
Response: 2214930
Conc: 21.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.800 min
Delta R.T.: -0.006 min
Response: 2092879
Conc: 23.42 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.602 min
Delta R.T.: -0.007 min
Response: 2087487
Conc: 24.42 ug/ml