

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012622AL\
 Data File : FD040783.D
 Signal(s) : FID2B.CH
 Acq On : 26 Jan 2022 15:17
 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: Jan 27 02:09:23 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)	10.605	2646778	17.166 ug/ml
Spiked Amount 50.000		Recovery =	34.33%
12) S 1-chlorooctadecane (S...	12.043	1991914	16.923 ug/ml
Spiked Amount 50.000		Recovery =	33.85%
Target Compounds			
1) T n-Nonane (C9)	2.563	2374703	18.497 ug/ml
2) T n-Decane (C10)	3.547	2398118	18.624 ug/ml
3) T A~Naphthalene (C11.7)	5.076	2669705	18.791 ug/ml
4) T n-Dodecane (C12)	5.514	2415920	18.902 ug/ml
5) T A~2-methylnaphthalene...	6.115	2661913	18.869 ug/ml
6) T n-Tetradecane (C14)	7.289	2454825	18.950 ug/ml
7) T n-Hexadecane (C16)	8.876	2440701	18.734 ug/ml
8) T n-Octadecane (C18)	10.307	2452270	18.098 ug/ml
10) T n-Eicosane (C20)	11.606	2357504	17.332 ug/ml
11) T n-Heneicosane (C21)	12.214	2340743	16.904 ug/ml
13) T n-Docosane (C22)	12.796	2280516	16.539 ug/ml
14) T n-Tetracosane (C24)	13.893	2207930	15.791 ug/ml
15) T n-Hexacosane (C26)	14.908	2122055	15.394 ug/ml
16) T n-Octacosane (C28)	15.852	2109194	15.545 ug/ml
17) T n-Tricontane (C30)	16.734	2097419	16.092 ug/ml
18) T n-Dotriacontane (C32)	17.562	2005658	16.777 ug/ml
19) T n-Tetratriacontane (C34)	18.341	1931666	18.346 ug/ml
20) T n-Hexatriacontane (C36)	19.078	1860208	18.358 ug/ml
21) T n-Octatriacontane (C38)	19.776	1846050	20.662 ug/ml
22) T n-Tetracontane (C40)	20.569	1890403	22.115 ug/ml

(f)=RT Delta > 1/2 Window

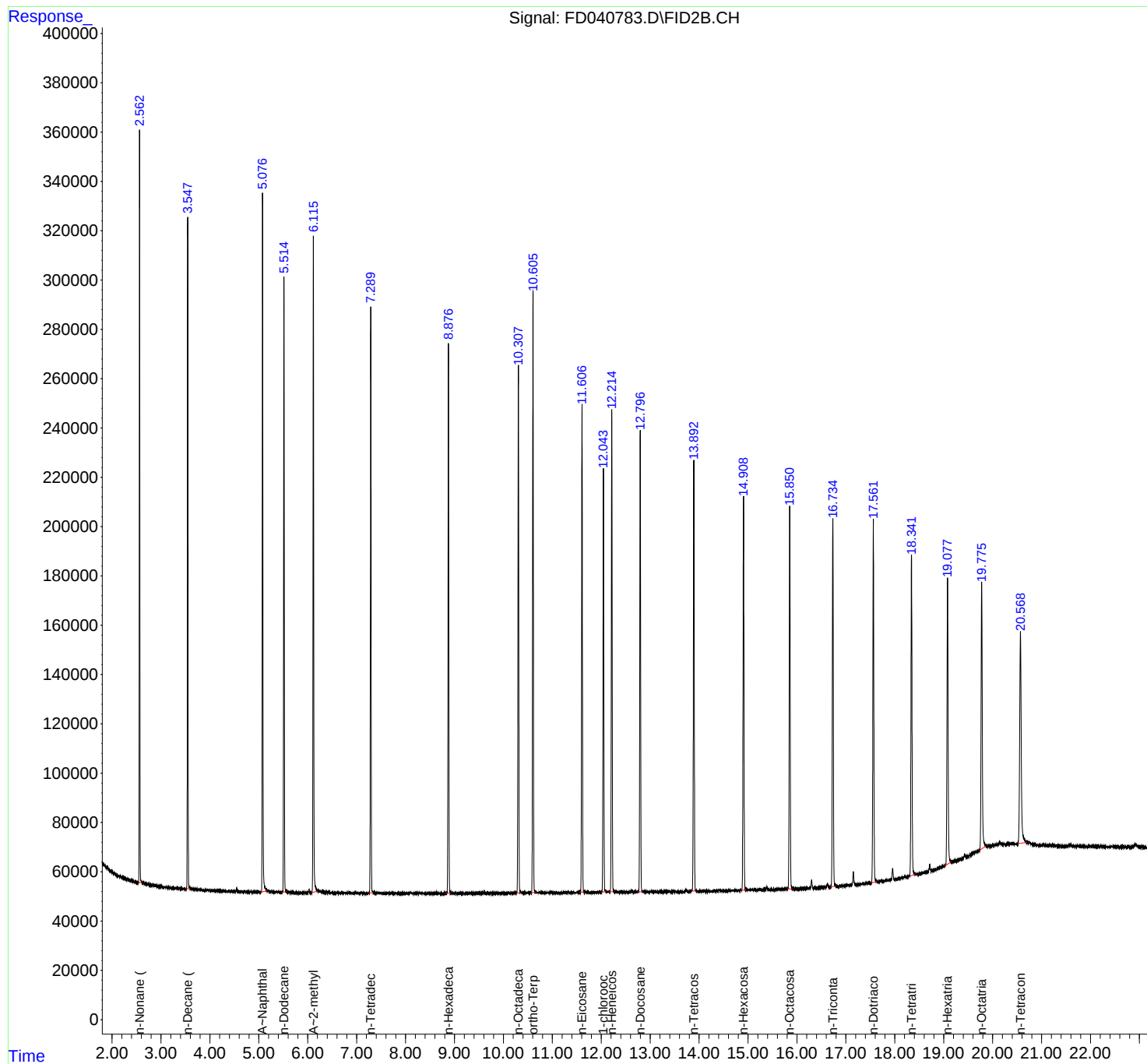
(m)=manual int.

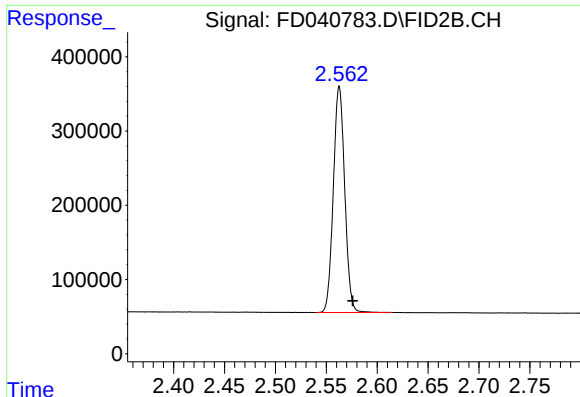
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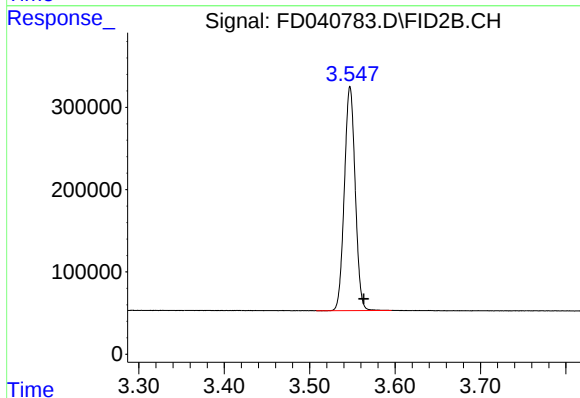




#1 n-Nonane (C9)

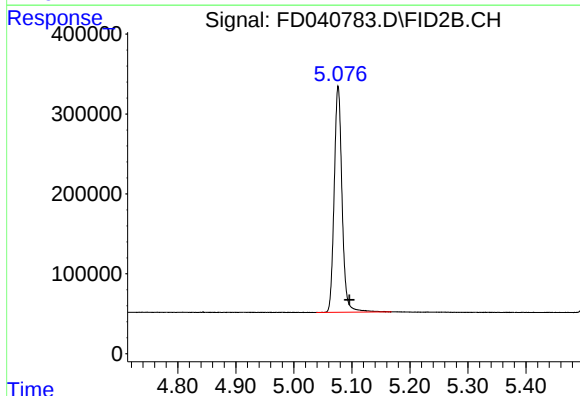
R.T.: 2.563 min
Delta R.T.: -0.013 min
Response: 2374703
Conc: 18.50 ug/ml

Instrument :
FID_D
ClientSampleId :



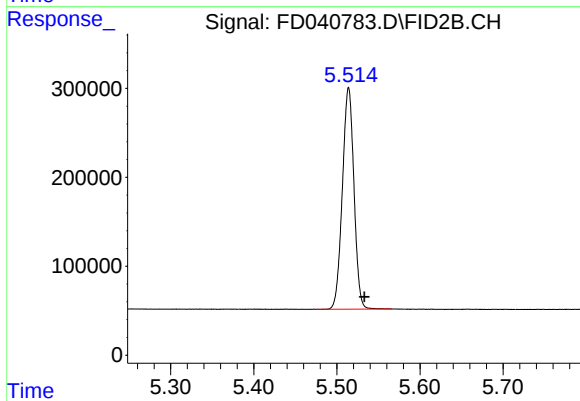
#2 n-Decane (C10)

R.T.: 3.547 min
Delta R.T.: -0.016 min
Response: 2398118
Conc: 18.62 ug/ml



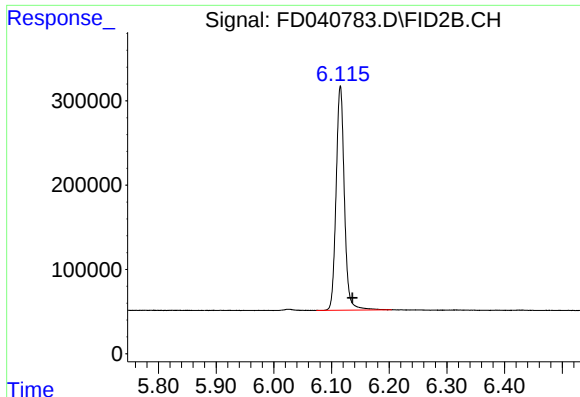
#3 A~Naphthalene (C11.7)

R.T.: 5.076 min
Delta R.T.: -0.020 min
Response: 2669705
Conc: 18.79 ug/ml



#4 n-Dodecane (C12)

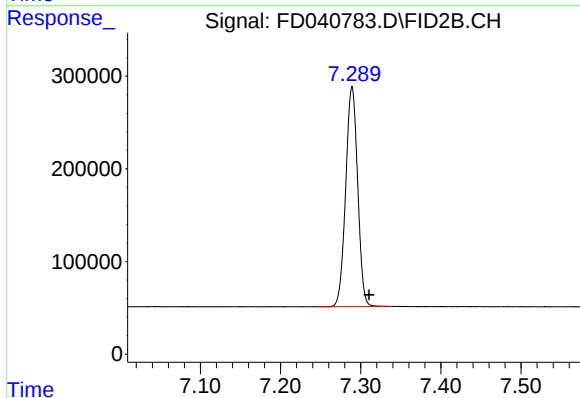
R.T.: 5.514 min
Delta R.T.: -0.019 min
Response: 2415920
Conc: 18.90 ug/ml



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

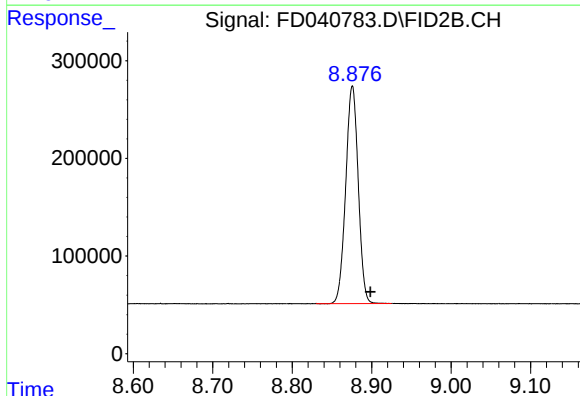
R.T.: 6.115 min
Delta R.T.: -0.021 min
Response: 2661913
Conc: 18.87 ug/ml

Instrument :
FID_D
ClientSampleId :



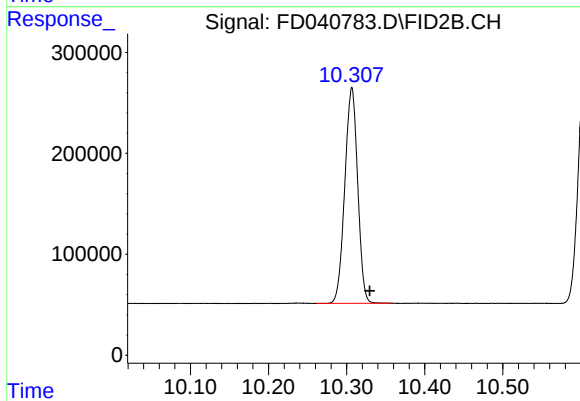
#6 n-Tetradecane (C14)

R.T.: 7.289 min
Delta R.T.: -0.021 min
Response: 2454825
Conc: 18.95 ug/ml



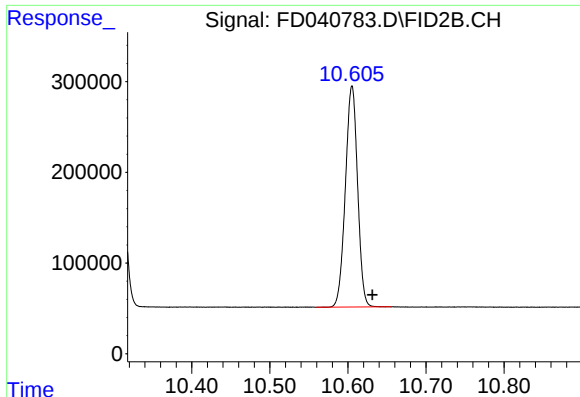
#7 n-Hexadecane (C16)

R.T.: 8.876 min
Delta R.T.: -0.023 min
Response: 2440701
Conc: 18.73 ug/ml



#8 n-Octadecane (C18)

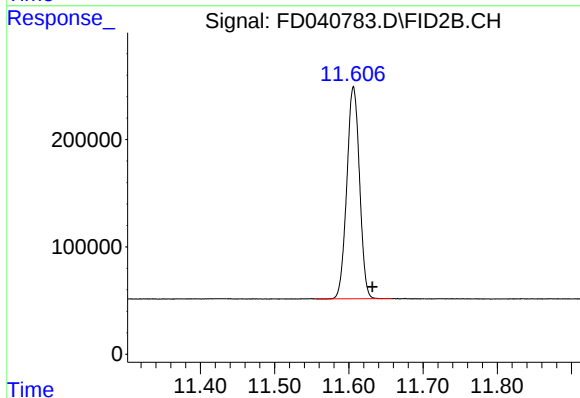
R.T.: 10.307 min
Delta R.T.: -0.023 min
Response: 2452270
Conc: 18.10 ug/ml



#9 ortho-Terphenyl (SURR)

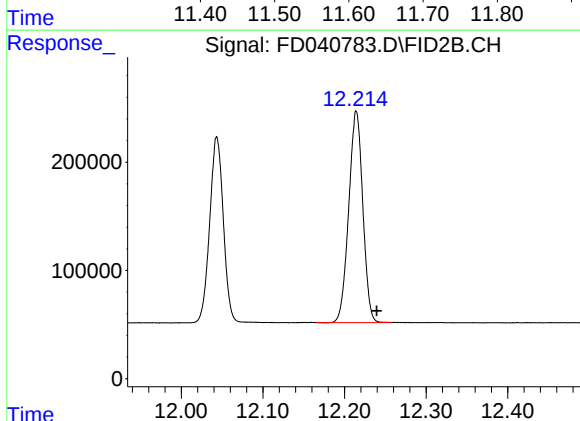
R.T.: 10.605 min
Delta R.T.: -0.026 min
Response: 2646778
Conc: 17.17 ug/ml

Instrument :
FID_D
ClientSampleId :



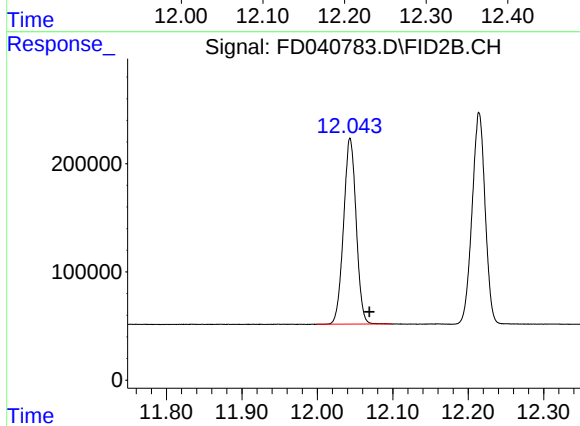
#10 n-Eicosane (C20)

R.T.: 11.606 min
Delta R.T.: -0.025 min
Response: 2357504
Conc: 17.33 ug/ml



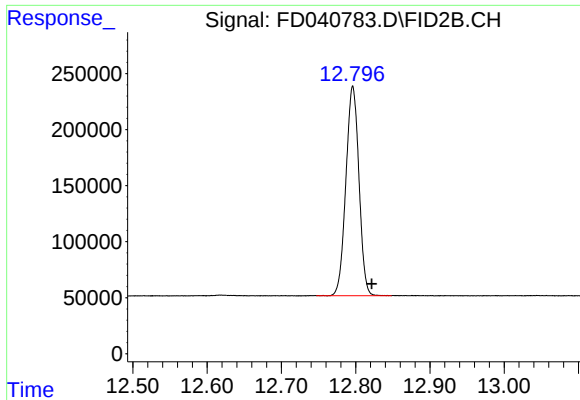
#11 n-Heneicosane (C21)

R.T.: 12.214 min
Delta R.T.: -0.025 min
Response: 2340743
Conc: 16.90 ug/ml



#12 1-chlorooctadecane (SURR)

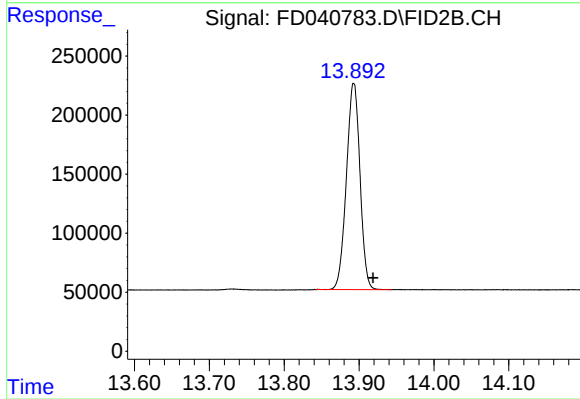
R.T.: 12.043 min
Delta R.T.: -0.026 min
Response: 1991914
Conc: 16.92 ug/ml



#13 n-Docosane (C22)

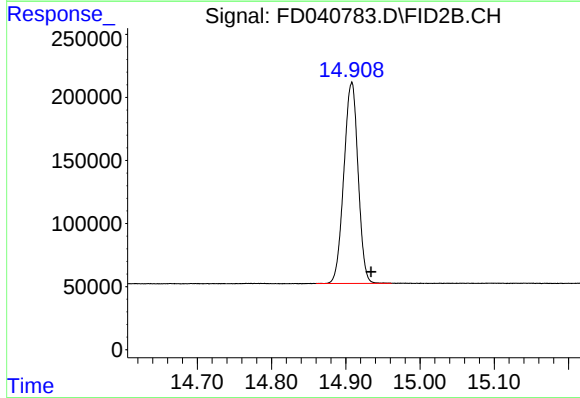
R.T.: 12.796 min
Delta R.T.: -0.026 min
Response: 2280516
Conc: 16.54 ug/ml

Instrument :
FID_D
ClientSampleId :



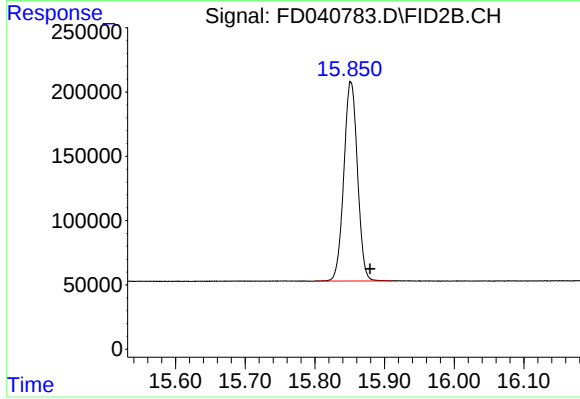
#14 n-Tetracosane (C24)

R.T.: 13.893 min
Delta R.T.: -0.026 min
Response: 2207930
Conc: 15.79 ug/ml



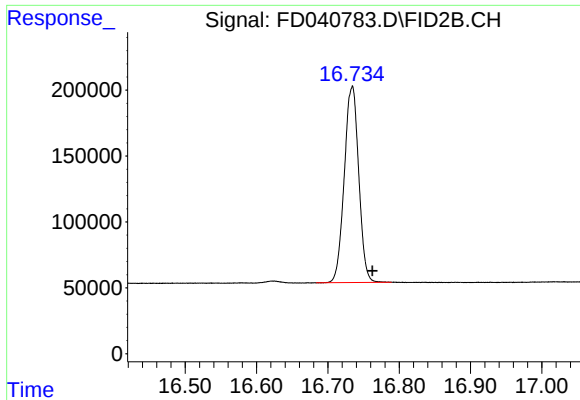
#15 n-Hexacosane (C26)

R.T.: 14.908 min
Delta R.T.: -0.026 min
Response: 2122055
Conc: 15.39 ug/ml



#16 n-Octacosane (C28)

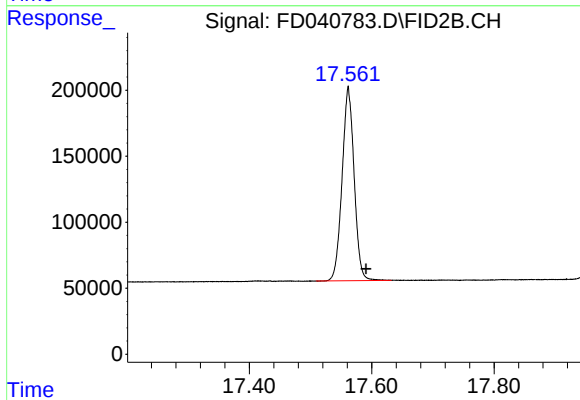
R.T.: 15.852 min
Delta R.T.: -0.028 min
Response: 2109194
Conc: 15.54 ug/ml



#17 n-Tricontane (C30)

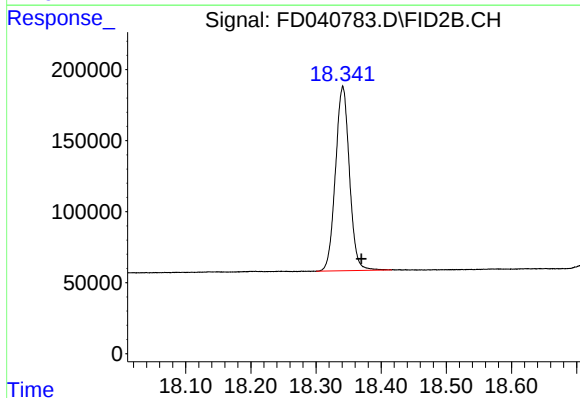
R.T.: 16.734 min
Delta R.T.: -0.028 min
Response: 2097419
Conc: 16.09 ug/ml

Instrument :
FID_D
ClientSampleId :



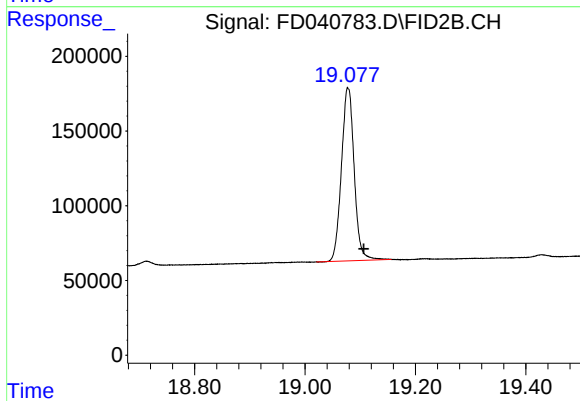
#18 n-Dotriacontane (C32)

R.T.: 17.562 min
Delta R.T.: -0.029 min
Response: 2005658
Conc: 16.78 ug/ml



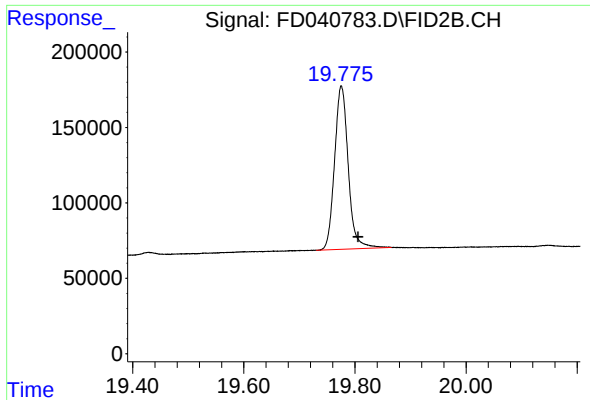
#19 n-Tetratriacontane (C34)

R.T.: 18.341 min
Delta R.T.: -0.029 min
Response: 1931666
Conc: 18.35 ug/ml



#20 n-Hexatriacontane (C36)

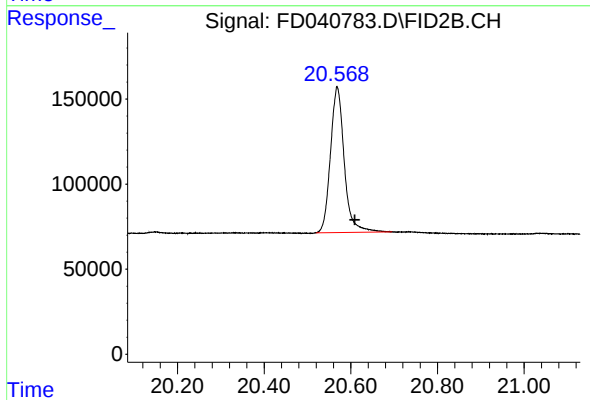
R.T.: 19.078 min
Delta R.T.: -0.029 min
Response: 1860208
Conc: 18.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.776 min
Delta R.T.: -0.030 min
Response: 1846050
Conc: 20.66 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.569 min
Delta R.T.: -0.041 min
Response: 1890403
Conc: 22.11 ug/ml