

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020222AL\
 Data File : FD040867.D
 Signal(s) : FID2B.CH
 Acq On : 02 Feb 2022 22:42
 Operator : AJ\MA
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 02 23:08:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 020222.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 02 23:07:01 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)	10.596	1596523	10.794 ug/ml
Spiked Amount 50.000		Recovery =	21.59%
12) S 1-chlorooctadecane (S...	12.035	1203547	10.795 ug/ml
Spiked Amount 50.000		Recovery =	21.59%
Target Compounds			
1) T n-Nonane (C9)	2.560	1366759	10.828 ug/ml
2) T n-Decane (C10)	3.542	1374580	10.784 ug/ml
3) T A~Naphthalene (C11.7)	5.070	1470004	10.634 ug/ml
4) T n-Dodecane (C12)	5.507	1380038	10.772 ug/ml
5) T A~2-methylnaphthalene...	6.108	1469348	10.567 ug/ml
6) T n-Tetradecane (C14)	7.282	1398644	10.749 ug/ml
7) T n-Hexadecane (C16)	8.867	1397746	10.739 ug/ml
8) T n-Octadecane (C18)	10.297	1425290	10.775 ug/ml
10) T n-Eicosane (C20)	11.597	1400684	10.813 ug/ml
11) T n-Heneicosane (C21)	12.205	1408996	10.860 ug/ml
13) T n-Docosane (C22)	12.787	1390141	10.869 ug/ml
14) T n-Tetracosane (C24)	13.883	1382581	10.908 ug/ml
15) T n-Hexacosane (C26)	14.896	1348020	10.973 ug/ml
16) T n-Octacosane (C28)	15.840	1330059	10.996 ug/ml
17) T n-Tricontane (C30)	16.723	1291925	11.070 ug/ml
18) T n-Dotriacontane (C32)	17.551	1189383	11.014 ug/ml
19) T n-Tetratriacontane (C34)	18.330	1094247	10.986 ug/ml
20) T n-Hexatriacontane (C36)	19.065	966153	10.555 ug/ml
21) T n-Octatriacontane (C38)	19.763	904643	10.693 ug/ml
22) T n-Tetracontane (C40)	20.554	894661	10.580 ug/ml

(f)=RT Delta > 1/2 Window

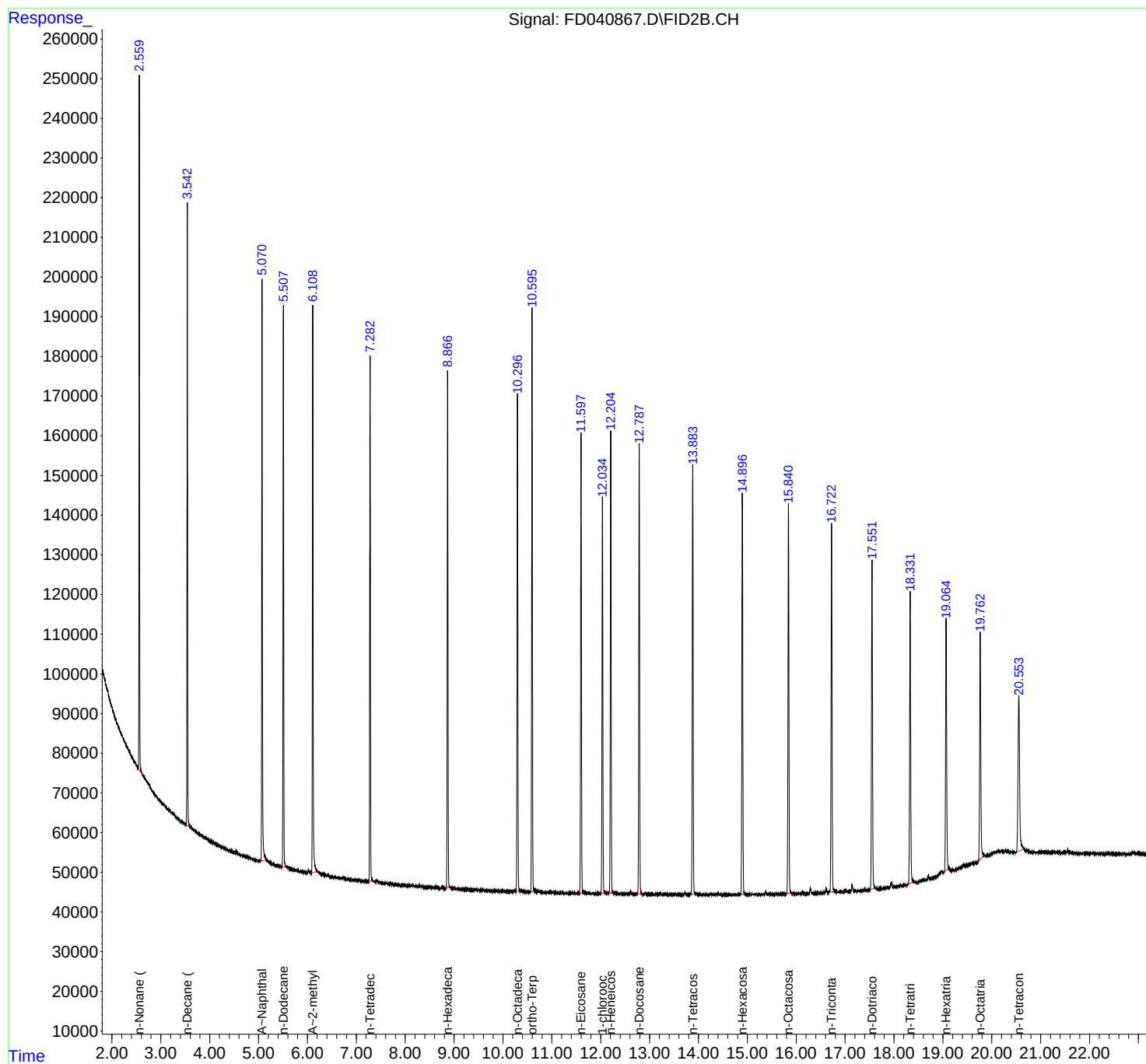
(m)=manual int.

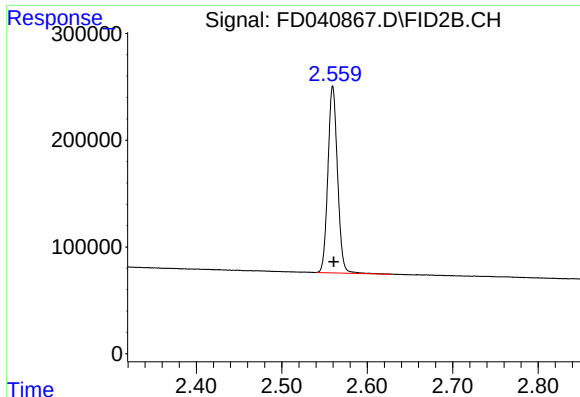
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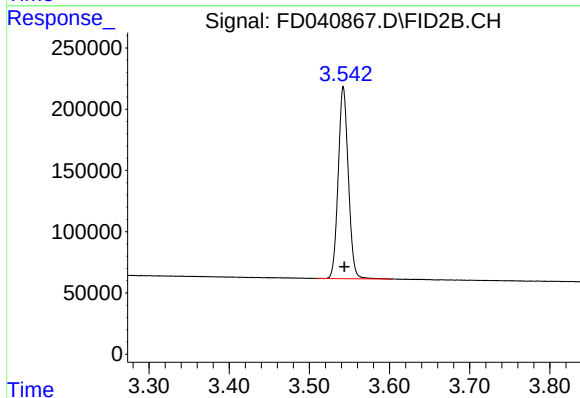




#1 n-Nonane (C9)

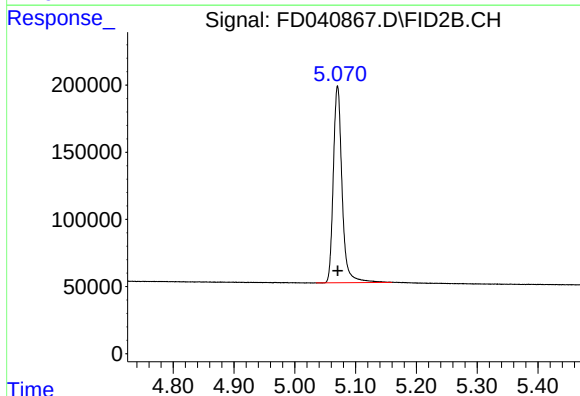
R.T.: 2.560 min
Delta R.T.: -0.001 min
Response: 1366759
Conc: 10.83 ug/ml

Instrument :
FID_D
ClientSampleId :



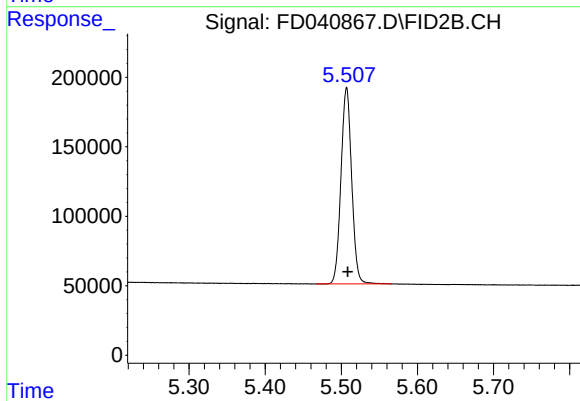
#2 n-Decane (C10)

R.T.: 3.542 min
Delta R.T.: -0.001 min
Response: 1374580
Conc: 10.78 ug/ml



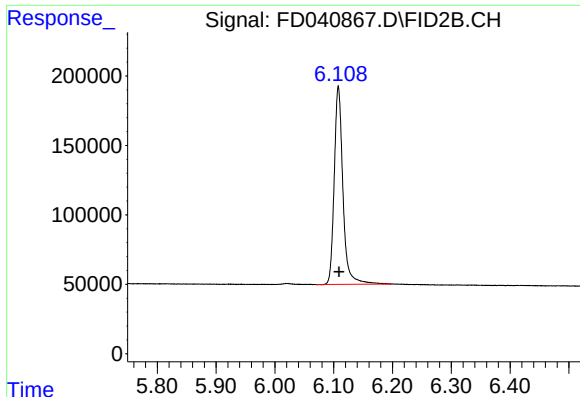
#3 A~Naphthalene (C11.7)

R.T.: 5.070 min
Delta R.T.: 0.000 min
Response: 1470004
Conc: 10.63 ug/ml



#4 n-Dodecane (C12)

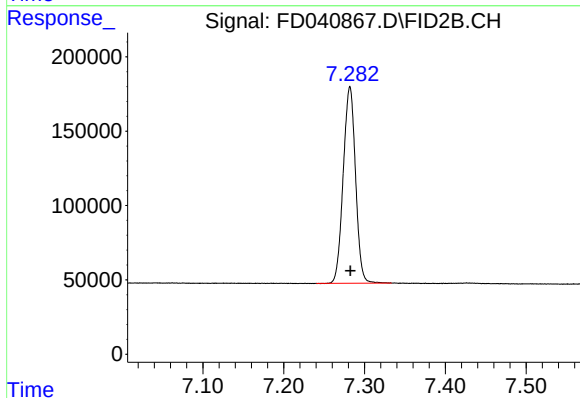
R.T.: 5.507 min
Delta R.T.: -0.001 min
Response: 1380038
Conc: 10.77 ug/ml



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

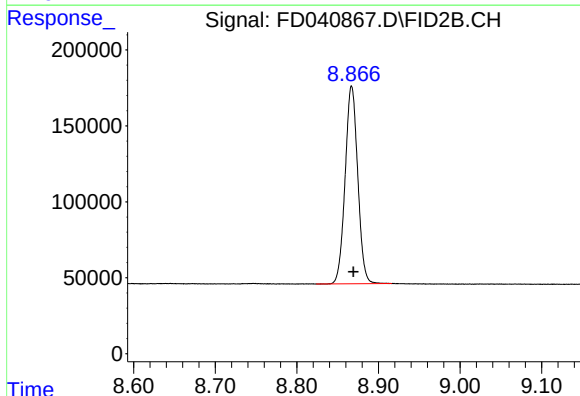
R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 1469348
Conc: 10.57 ug/ml

Instrument :
FID_D
ClientSampleId :



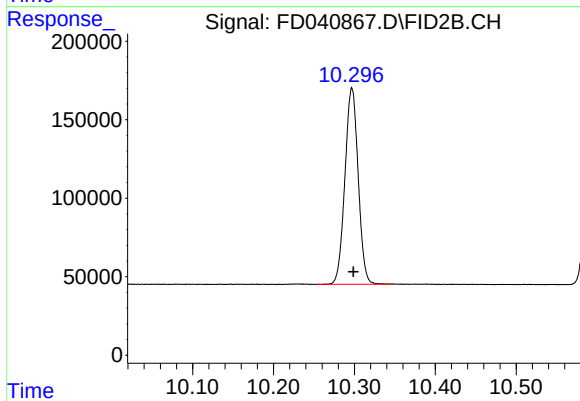
#6 n-Tetradecane (C14)

R.T.: 7.282 min
Delta R.T.: 0.000 min
Response: 1398644
Conc: 10.75 ug/ml



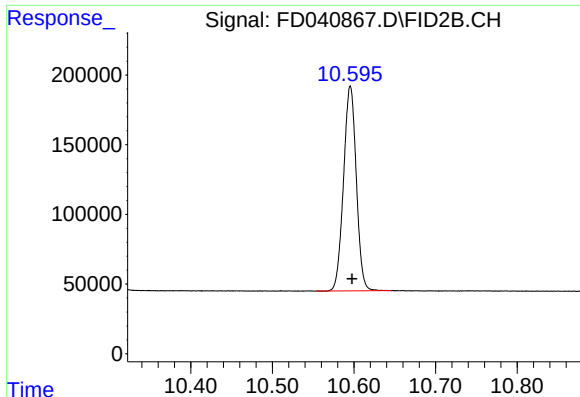
#7 n-Hexadecane (C16)

R.T.: 8.867 min
Delta R.T.: -0.002 min
Response: 1397746
Conc: 10.74 ug/ml



#8 n-Octadecane (C18)

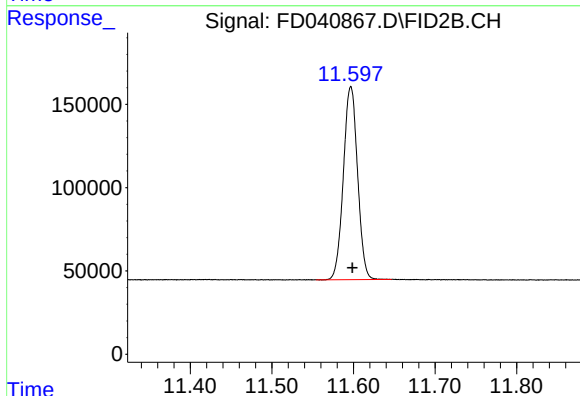
R.T.: 10.297 min
Delta R.T.: -0.002 min
Response: 1425290
Conc: 10.78 ug/ml



#9 ortho-Terphenyl (SURR)

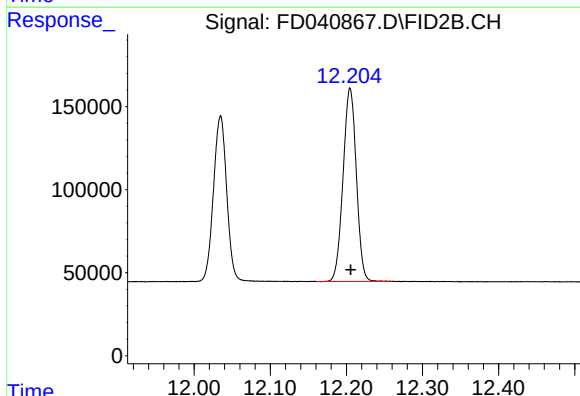
R.T.: 10.596 min
Delta R.T.: -0.002 min
Response: 1596523
Conc: 10.79 ug/ml

Instrument :
FID_D
ClientSampleId :



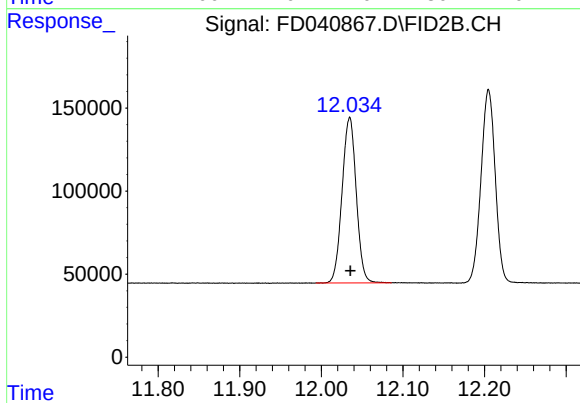
#10 n-Eicosane (C20)

R.T.: 11.597 min
Delta R.T.: -0.002 min
Response: 1400684
Conc: 10.81 ug/ml



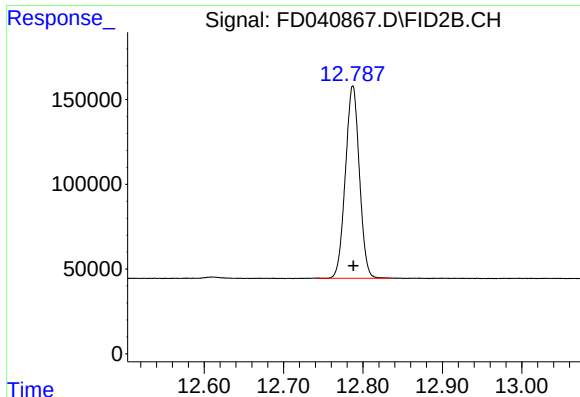
#11 n-Heneicosane (C21)

R.T.: 12.205 min
Delta R.T.: 0.000 min
Response: 1408996
Conc: 10.86 ug/ml



#12 1-chlorooctadecane (SURR)

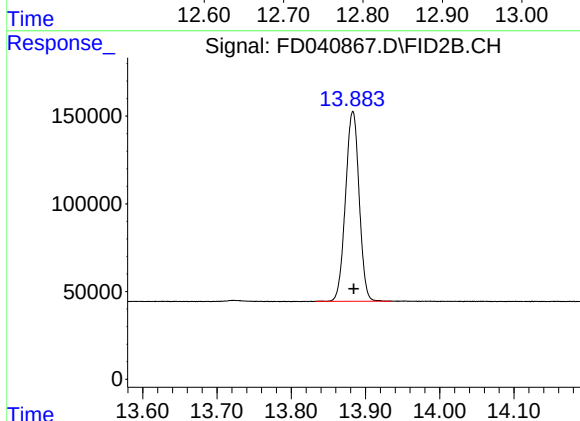
R.T.: 12.035 min
Delta R.T.: 0.000 min
Response: 1203547
Conc: 10.80 ug/ml



#13 n-Docosane (C22)

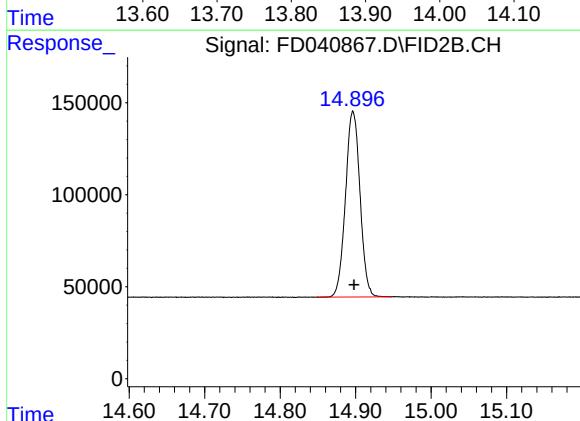
R.T.: 12.787 min
Delta R.T.: 0.000 min
Response: 1390141
Conc: 10.87 ug/ml

Instrument :
FID_D
ClientSampleId :



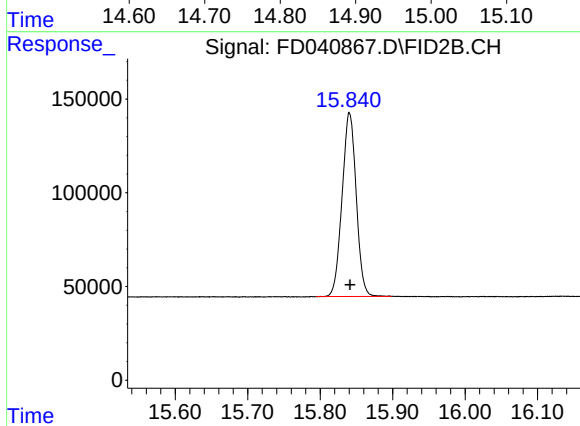
#14 n-Tetracosane (C24)

R.T.: 13.883 min
Delta R.T.: -0.001 min
Response: 1382581
Conc: 10.91 ug/ml



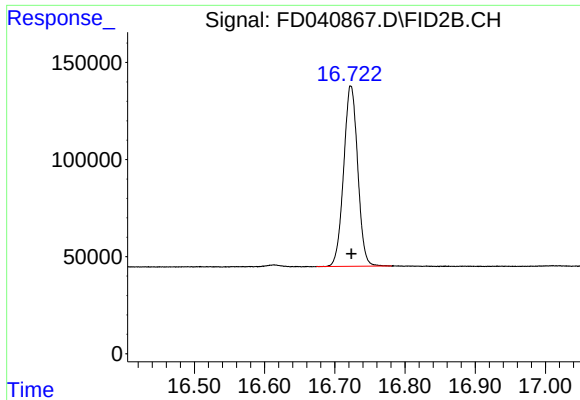
#15 n-Hexacosane (C26)

R.T.: 14.896 min
Delta R.T.: -0.002 min
Response: 1348020
Conc: 10.97 ug/ml



#16 n-Octacosane (C28)

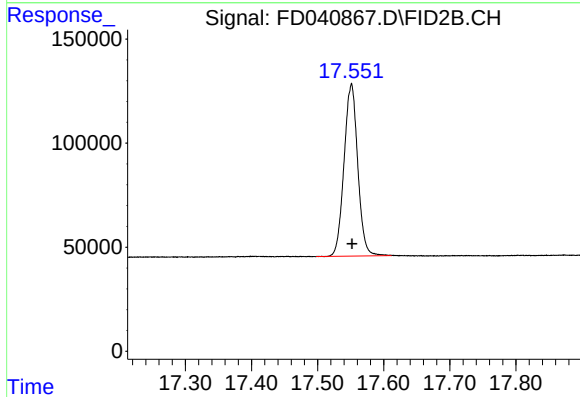
R.T.: 15.840 min
Delta R.T.: 0.000 min
Response: 1330059
Conc: 11.00 ug/ml



#17 n-Tricontane (C30)

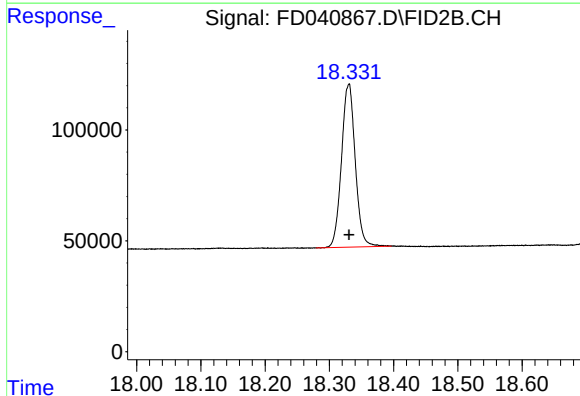
R.T.: 16.723 min
Delta R.T.: 0.000 min
Response: 1291925
Conc: 11.07 ug/ml

Instrument :
FID_D
ClientSampleId :



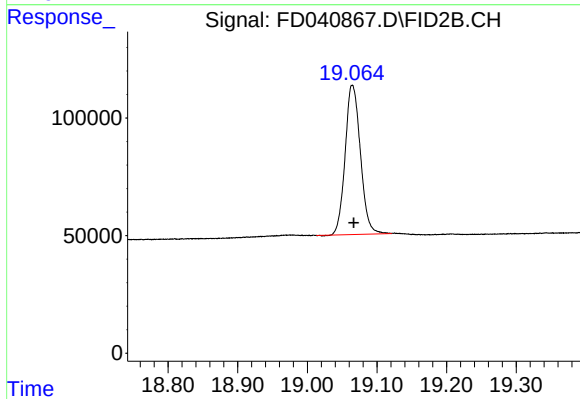
#18 n-Dotriacontane (C32)

R.T.: 17.551 min
Delta R.T.: 0.000 min
Response: 1189383
Conc: 11.01 ug/ml



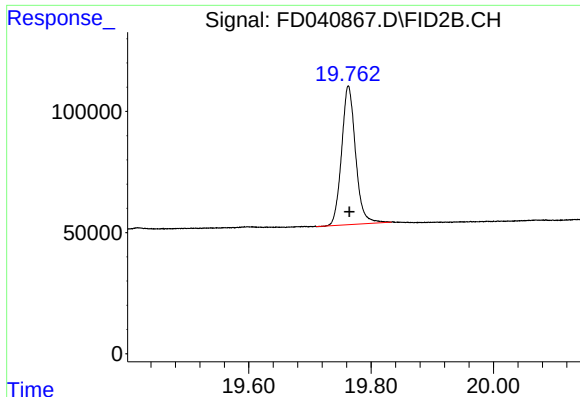
#19 n-Tetratriacontane (C34)

R.T.: 18.330 min
Delta R.T.: 0.000 min
Response: 1094247
Conc: 10.99 ug/ml



#20 n-Hexatriacontane (C36)

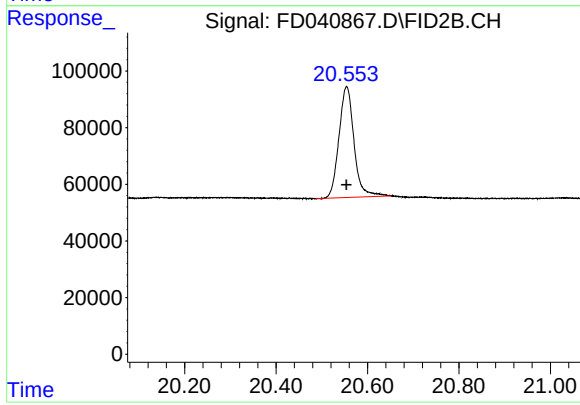
R.T.: 19.065 min
Delta R.T.: -0.002 min
Response: 966153
Conc: 10.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.763 min
Delta R.T.: -0.002 min
Response: 904643
Conc: 10.69 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.554 min
Delta R.T.: 0.000 min
Response: 894661
Conc: 10.58 ug/ml