

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112221AL\
 Data File : FD039575.D
 Signal(s) : FID2B.CH
 Acq On : 22 Nov 2021 12:48
 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: Nov 23 01:20:31 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 04:49:08 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			
9) S ortho-Terphenyl (SURR)	11.661	2595795	20.345 ug/ml
Spiked Amount 50.000		Recovery =	40.69%
12) S 1-chlorooctadecane (S...	13.087	1995669	19.203 ug/ml
Spiked Amount 50.000		Recovery =	38.41%
Target Compounds			
1) T n-Nonane (C9)	3.421	2395009	20.598 ug/ml
2) T n-Decane (C10)	4.489	2421400	20.712 ug/ml
3) T A~Naphthalene (C11.7)	6.082	2671371	20.728 ug/ml
4) T n-Dodecane (C12)	6.505	2425660	20.500 ug/ml
5) T A~2-methylnaphthalene...	7.137	2666945	20.307 ug/ml
6) T n-Tetradecane (C14)	8.298	2433717	20.648 ug/ml
7) T n-Hexadecane (C16)	9.896	2432427	20.299 ug/ml
8) T n-Octadecane (C18)	11.335	2474024	20.215 ug/ml
10) T n-Eicosane (C20)	12.642	2419609	19.619 ug/ml
11) T n-Heneicosane (C21)	13.252	2414998	19.285 ug/ml
13) T n-Docosane (C22)	13.838	2362570	19.022 ug/ml
14) T n-Tetracosane (C24)	14.937	2309749	18.607 ug/ml
15) T n-Hexacosane (C26)	15.955	2200660	17.914 ug/ml
16) T n-Octacosane (C28)	16.901	2148840	18.458 ug/ml
17) T n-Tricontane (C30)	17.786	2071405	17.585 ug/ml
18) T n-Dotriacontane (C32)	18.614	2013487	17.611 ug/ml
19) T n-Tetratriacontane (C34)	19.395	1990913	18.783 ug/ml
20) T n-Hexatriacontane (C36)	20.133	1933181	18.977 ug/ml
21) T n-Octatriacontane (C38)	20.871	1872493	19.513 ug/ml
22) T n-Tetracontane (C40)	21.793	1872659	20.299 ug/ml

(f)=RT Delta > 1/2 Window

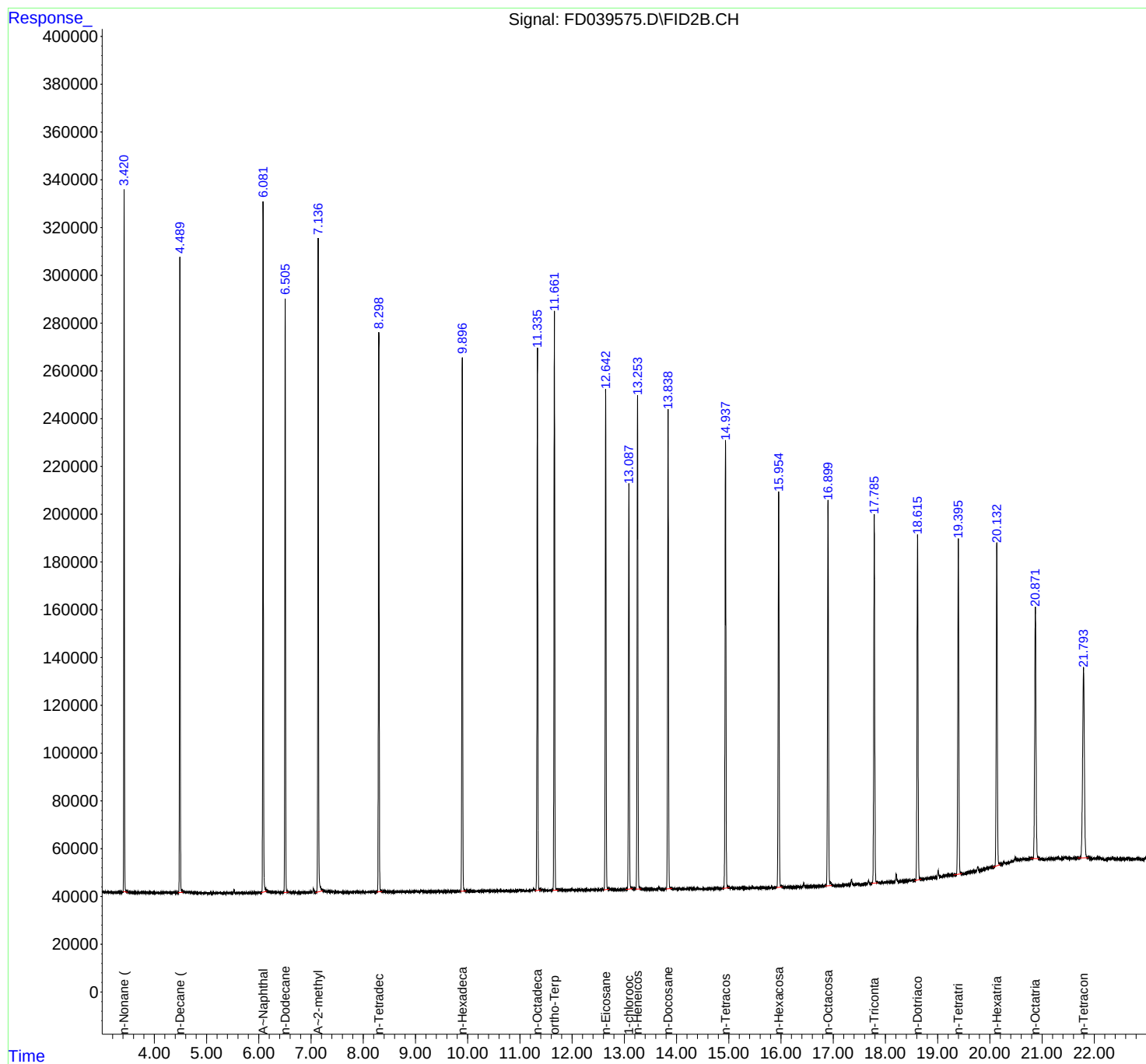
(m)=manual int.

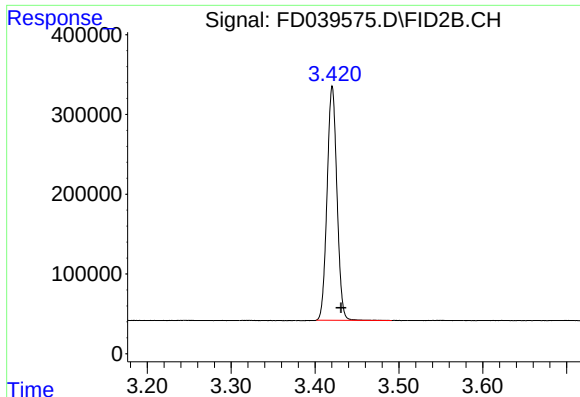
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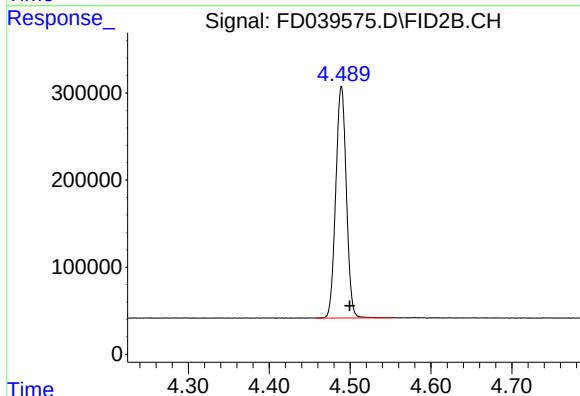




#1 n-Nonane (C9)

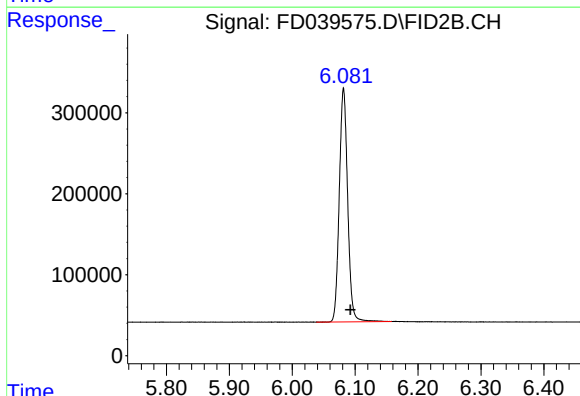
R.T.: 3.421 min
Delta R.T.: -0.010 min
Response: 2395009
Conc: 20.60 ug/ml

Instrument :
FID_D
ClientSampleId :



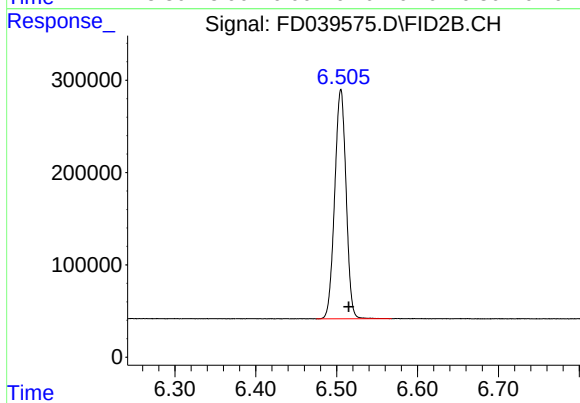
#2 n-Decane (C10)

R.T.: 4.489 min
Delta R.T.: -0.010 min
Response: 2421400
Conc: 20.71 ug/ml



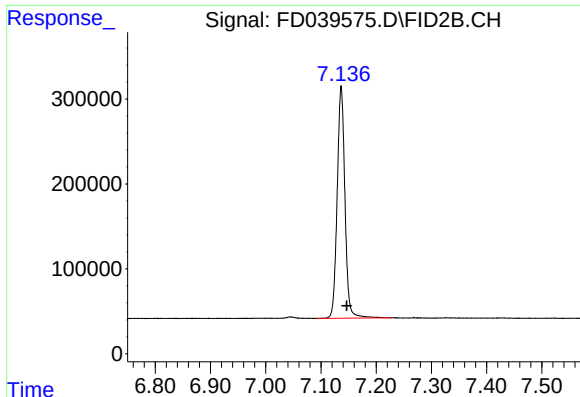
#3 A~Naphthalene (C11.7)

R.T.: 6.082 min
Delta R.T.: -0.011 min
Response: 2671371
Conc: 20.73 ug/ml



#4 n-Dodecane (C12)

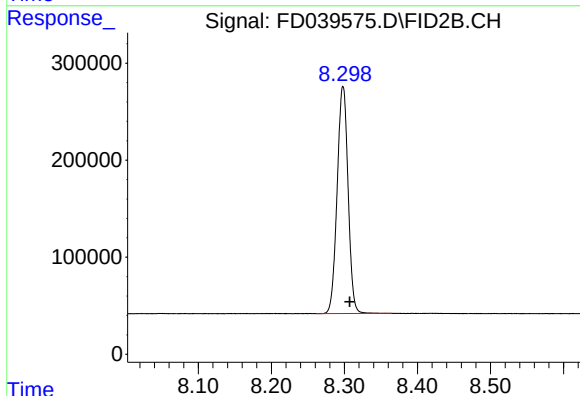
R.T.: 6.505 min
Delta R.T.: -0.010 min
Response: 2425660
Conc: 20.50 ug/ml



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

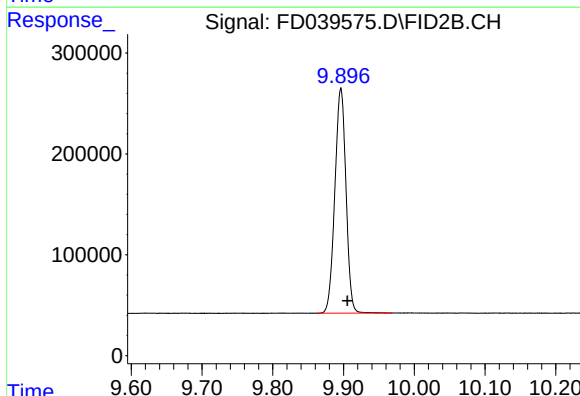
R.T.: 7.137 min
Delta R.T.: -0.010 min
Response: 2666945
Conc: 20.31 ug/ml

Instrument :
FID_D
ClientSampleId :



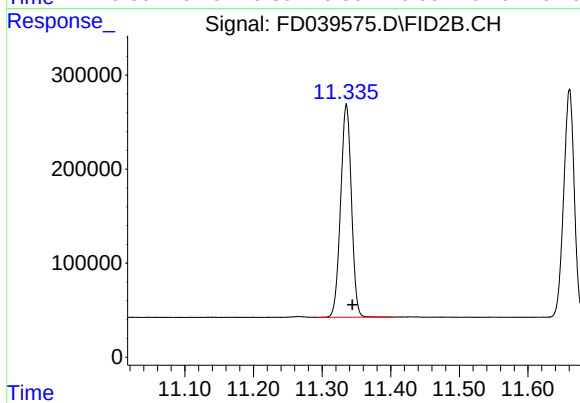
#6 n-Tetradecane (C14)

R.T.: 8.298 min
Delta R.T.: -0.009 min
Response: 2433717
Conc: 20.65 ug/ml



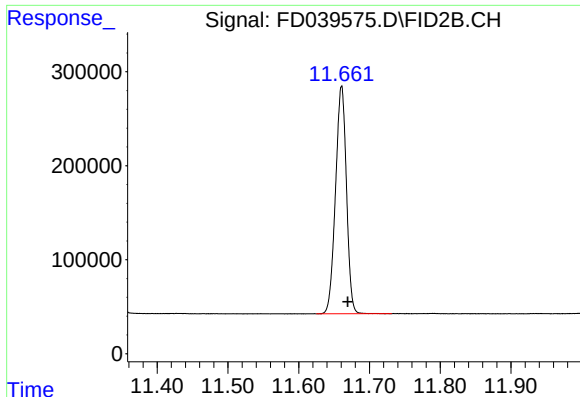
#7 n-Hexadecane (C16)

R.T.: 9.896 min
Delta R.T.: -0.009 min
Response: 2432427
Conc: 20.30 ug/ml



#8 n-Octadecane (C18)

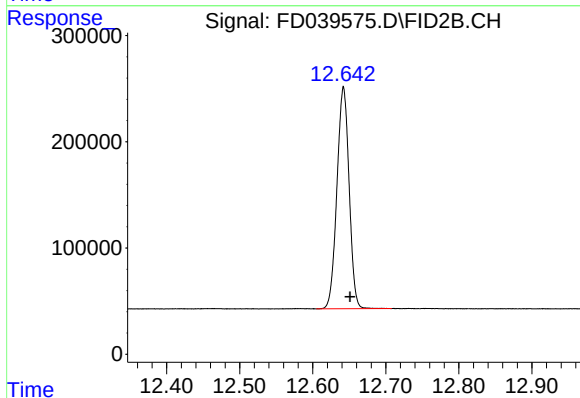
R.T.: 11.335 min
Delta R.T.: -0.009 min
Response: 2474024
Conc: 20.21 ug/ml



#9 ortho-Terphenyl (SURR)

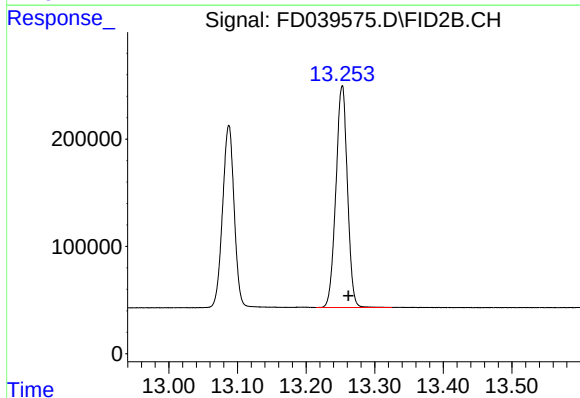
R.T.: 11.661 min
Delta R.T.: -0.009 min
Response: 2595795
Conc: 20.34 ug/ml

Instrument :
FID_D
ClientSampleId :



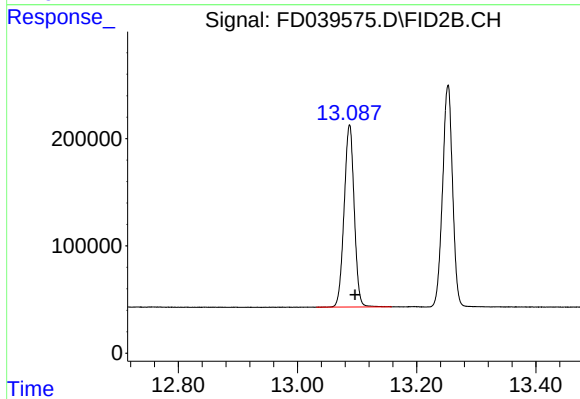
#10 n-Eicosane (C20)

R.T.: 12.642 min
Delta R.T.: -0.009 min
Response: 2419609
Conc: 19.62 ug/ml



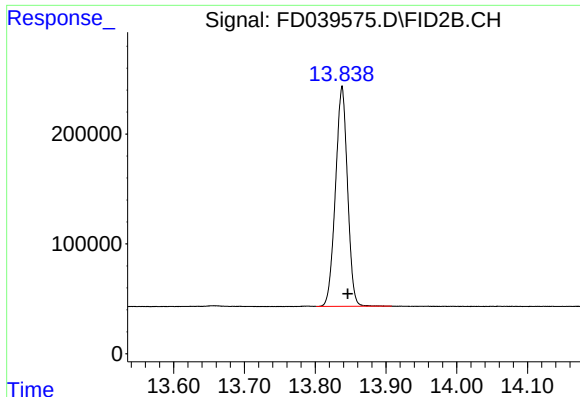
#11 n-Heneicosane (C21)

R.T.: 13.252 min
Delta R.T.: -0.009 min
Response: 2414998
Conc: 19.29 ug/ml



#12 1-chlorooctadecane (SURR)

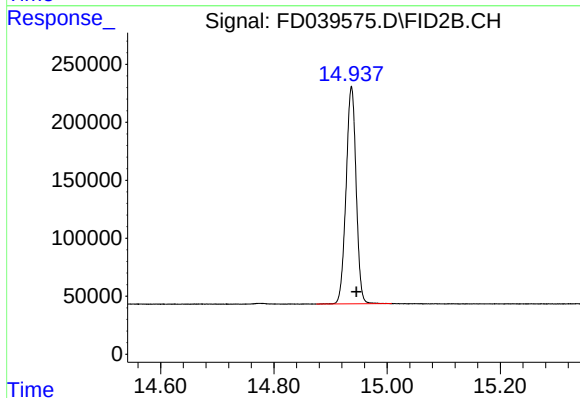
R.T.: 13.087 min
Delta R.T.: -0.009 min
Response: 1995669
Conc: 19.20 ug/ml



#13 n-Docosane (C22)

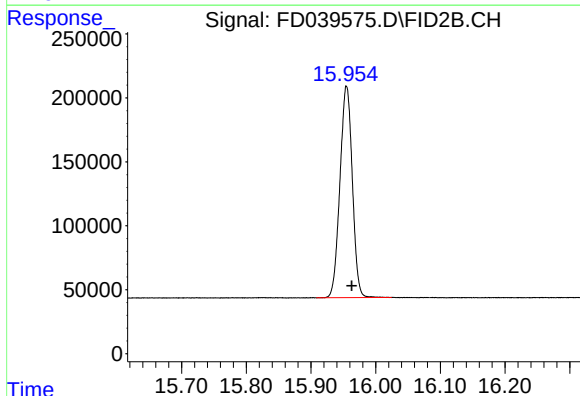
R.T.: 13.838 min
Delta R.T.: -0.008 min
Response: 2362570
Conc: 19.02 ug/ml

Instrument :
FID_D
ClientSampleId :



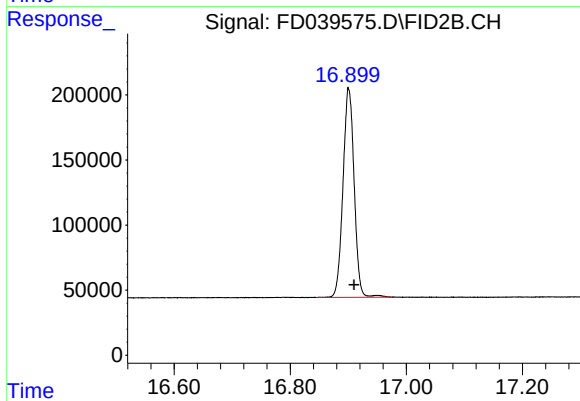
#14 n-Tetracosane (C24)

R.T.: 14.937 min
Delta R.T.: -0.009 min
Response: 2309749
Conc: 18.61 ug/ml



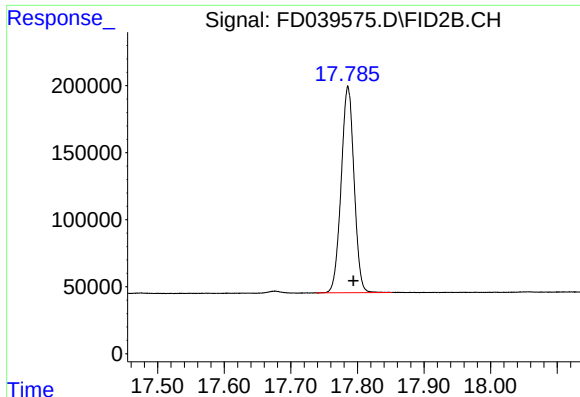
#15 n-Hexacosane (C26)

R.T.: 15.955 min
Delta R.T.: -0.008 min
Response: 2200660
Conc: 17.91 ug/ml



#16 n-Octacosane (C28)

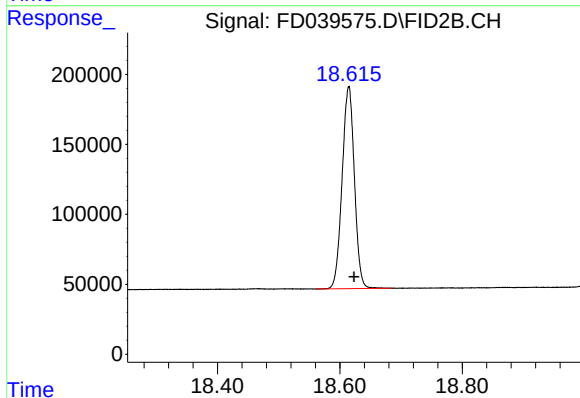
R.T.: 16.901 min
Delta R.T.: -0.009 min
Response: 2148840
Conc: 18.46 ug/ml



#17 n-Tricontane (C30)

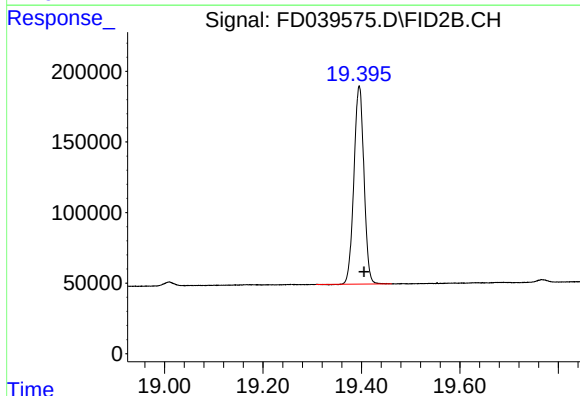
R.T.: 17.786 min
Delta R.T.: -0.008 min
Response: 2071405
Conc: 17.59 ug/ml

Instrument :
FID_D
ClientSampleId :



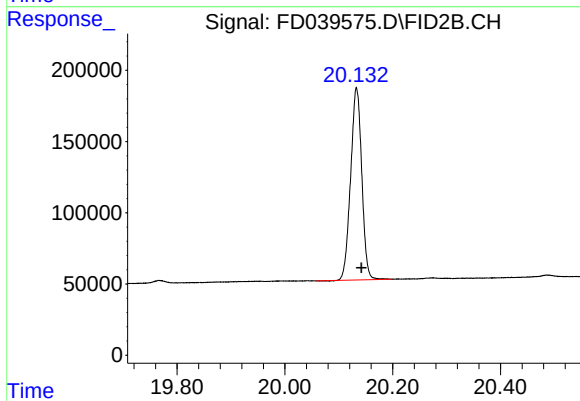
#18 n-Dotriacontane (C32)

R.T.: 18.614 min
Delta R.T.: -0.009 min
Response: 2013487
Conc: 17.61 ug/ml



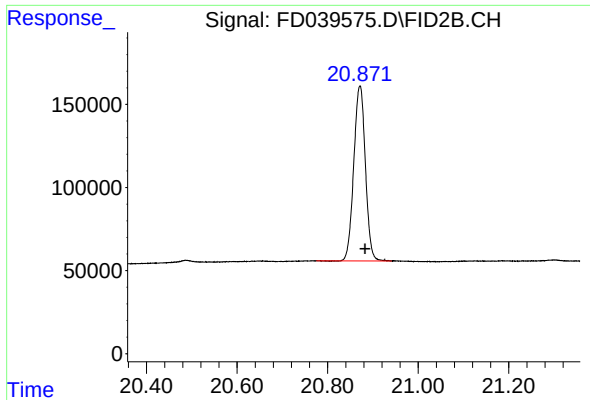
#19 n-Tetratriacontane (C34)

R.T.: 19.395 min
Delta R.T.: -0.010 min
Response: 1990913
Conc: 18.78 ug/ml



#20 n-Hexatriacontane (C36)

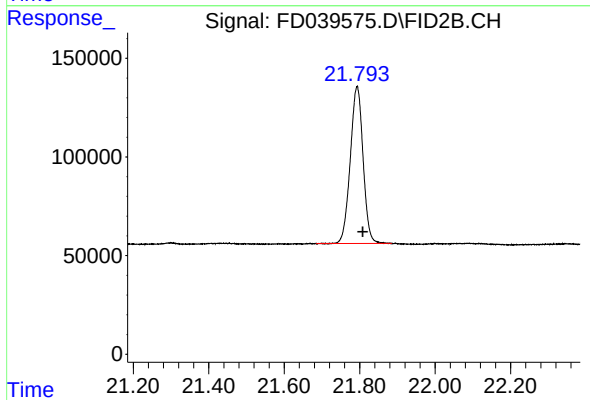
R.T.: 20.133 min
Delta R.T.: -0.009 min
Response: 1933181
Conc: 18.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.871 min
Delta R.T.: -0.011 min
Response: 1872493
Conc: 19.51 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.793 min
Delta R.T.: -0.015 min
Response: 1872659
Conc: 20.30 ug/ml