

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112221AL\
 Data File : FD039572.D
 Signal(s) : FID2B.CH
 Acq On : 22 Nov 2021 10:47
 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 01:19:34 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)	11.660	2501354	19.605 ug/ml
Spiked Amount 50.000		Recovery =	39.21%
12) S 1-chlorooctadecane (S...	13.087	1906070	18.341 ug/ml
Spiked Amount 50.000		Recovery =	36.68%
Target Compounds			
1) T n-Nonane (C9)	3.422	2326932	20.013 ug/ml
2) T n-Decane (C10)	4.490	2346093	20.068 ug/ml
3) T A~Naphthalene (C11.7)	6.082	2592998	20.120 ug/ml
4) T n-Dodecane (C12)	6.505	2357754	19.926 ug/ml
5) T A~2-methylnaphthalene...	7.137	2585009	19.683 ug/ml
6) T n-Tetradecane (C14)	8.298	2364609	20.062 ug/ml
7) T n-Hexadecane (C16)	9.896	2352978	19.636 ug/ml
8) T n-Octadecane (C18)	11.335	2396489	19.581 ug/ml
10) T n-Eicosane (C20)	12.642	2323821	18.842 ug/ml
11) T n-Heneicosane (C21)	13.252	2315921	18.494 ug/ml
13) T n-Docosane (C22)	13.836	2260242	18.198 ug/ml
14) T n-Tetracosane (C24)	14.936	2203305	17.749 ug/ml
15) T n-Hexacosane (C26)	15.954	2094079	17.046 ug/ml
16) T n-Octacosane (C28)	16.900	2006337	17.234 ug/ml
17) T n-Tricontane (C30)	17.784	1986050	16.860 ug/ml
18) T n-Dotriacontane (C32)	18.614	1935843	16.932 ug/ml
19) T n-Tetratriacontane (C34)	19.395	1925819	18.169 ug/ml
20) T n-Hexatriacontane (C36)	20.132	1858958	18.249 ug/ml
21) T n-Octatriacontane (C38)	20.871	1794162	18.696 ug/ml
22) T n-Tetracontane (C40)	21.791	1801618	19.529 ug/ml

(f)=RT Delta > 1/2 Window

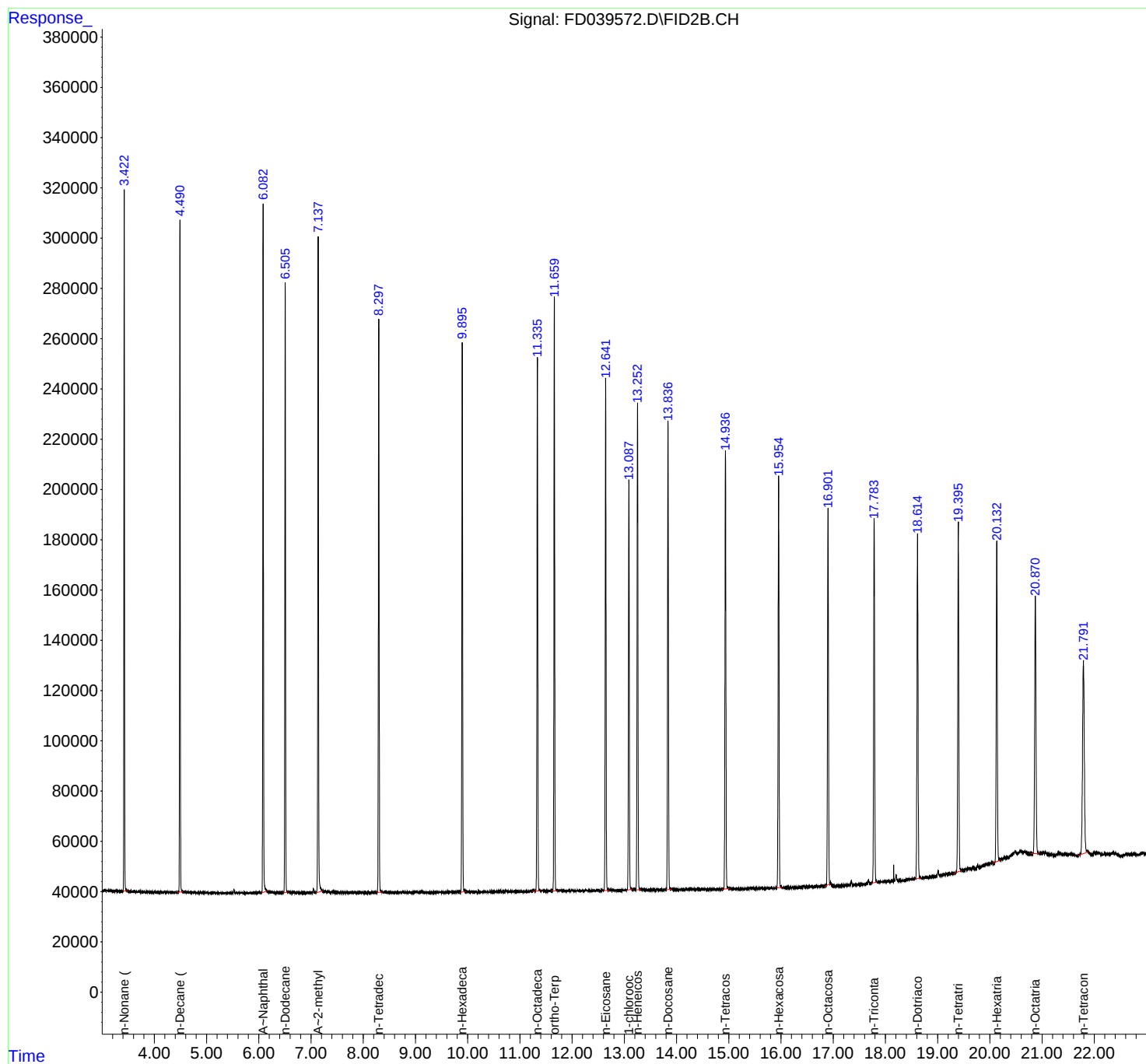
(m)=manual int.

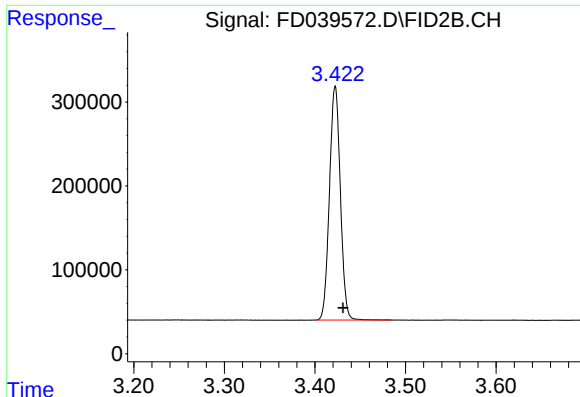
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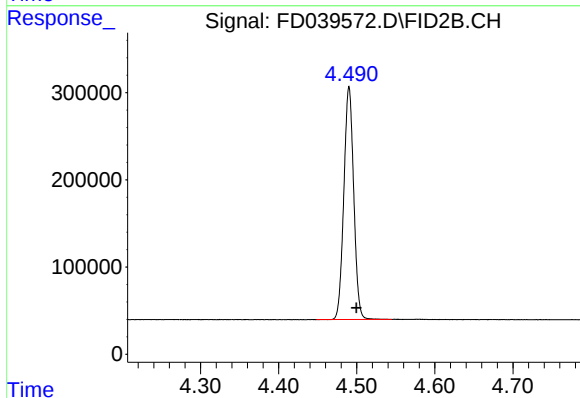




#1 n-Nonane (C9)

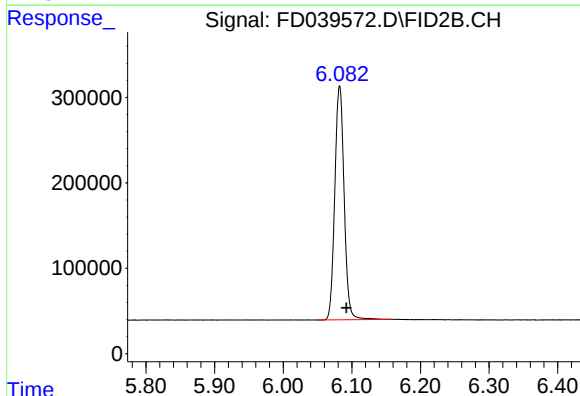
R.T.: 3.422 min
Delta R.T.: -0.009 min
Response: 2326932
Conc: 20.01 ug/ml

Instrument :
FID_D
ClientSampleId :



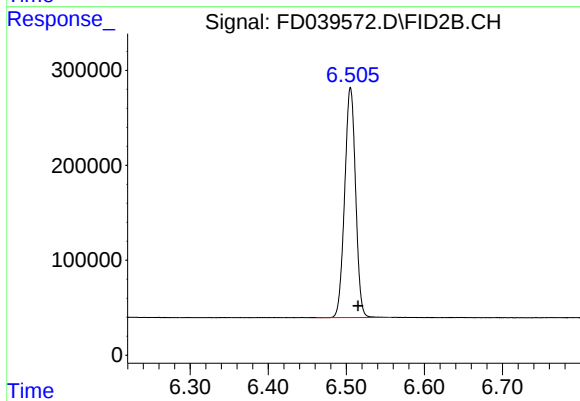
#2 n-Decane (C10)

R.T.: 4.490 min
Delta R.T.: -0.009 min
Response: 2346093
Conc: 20.07 ug/ml



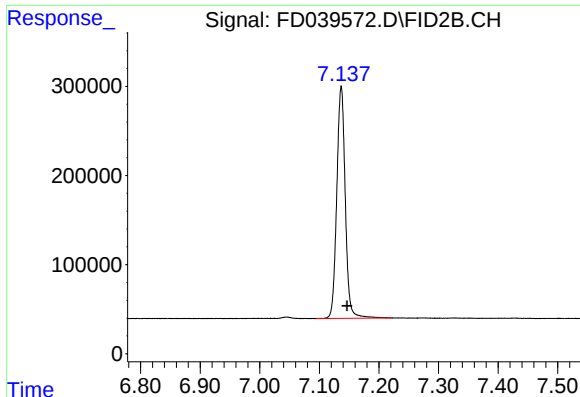
#3 A~Naphthalene (C11.7)

R.T.: 6.082 min
Delta R.T.: -0.010 min
Response: 2592998
Conc: 20.12 ug/ml



#4 n-Dodecane (C12)

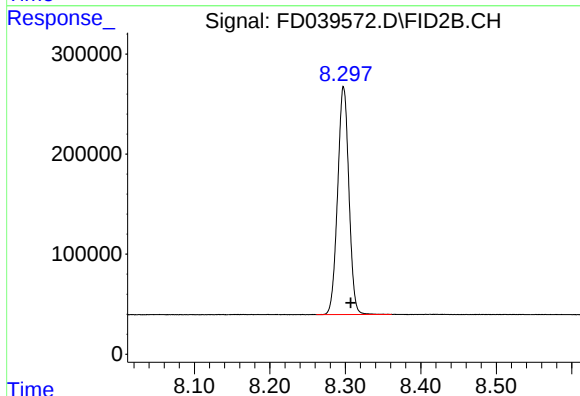
R.T.: 6.505 min
Delta R.T.: -0.010 min
Response: 2357754
Conc: 19.93 ug/ml



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

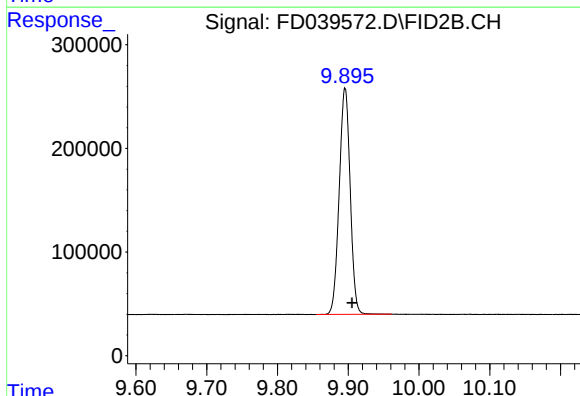
R.T.: 7.137 min
Delta R.T.: -0.010 min
Response: 2585009
Conc: 19.68 ug/ml

Instrument :
FID_D
ClientSampleId :



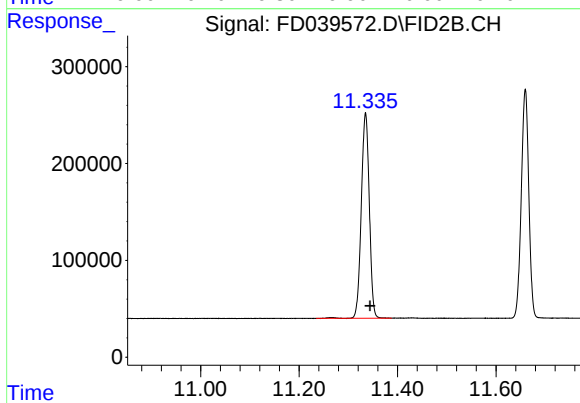
#6 n-Tetradecane (C14)

R.T.: 8.298 min
Delta R.T.: -0.010 min
Response: 2364609
Conc: 20.06 ug/ml



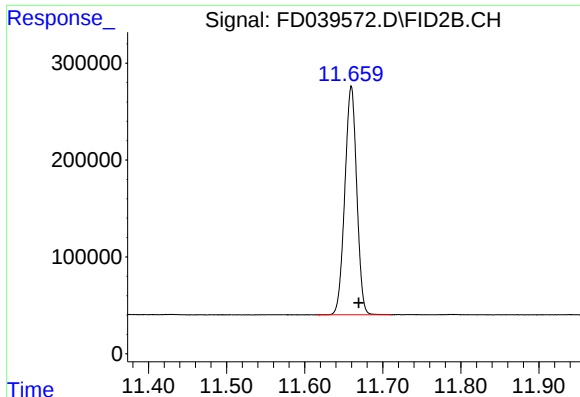
#7 n-Hexadecane (C16)

R.T.: 9.896 min
Delta R.T.: -0.010 min
Response: 2352978
Conc: 19.64 ug/ml



#8 n-Octadecane (C18)

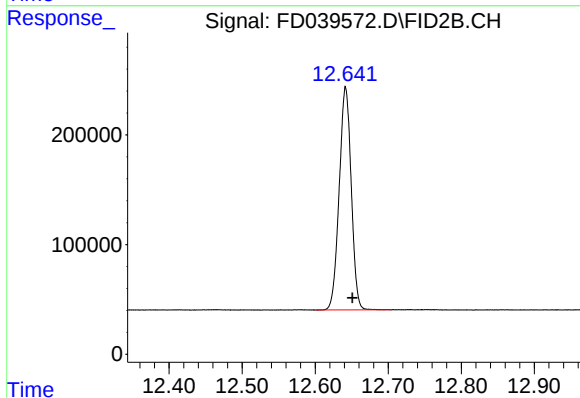
R.T.: 11.335 min
Delta R.T.: -0.009 min
Response: 2396489
Conc: 19.58 ug/ml



#9 ortho-Terphenyl (SURR)

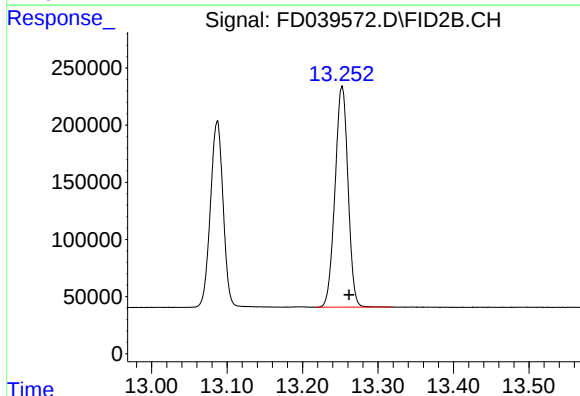
R.T.: 11.660 min
Delta R.T.: -0.010 min
Response: 2501354
Conc: 19.60 ug/ml

Instrument :
FID_D
ClientSampleId :



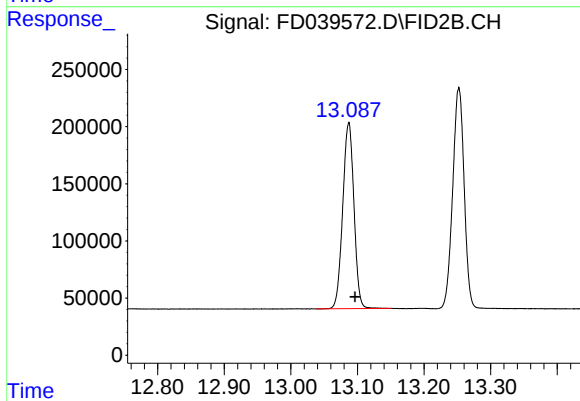
#10 n-Eicosane (C20)

R.T.: 12.642 min
Delta R.T.: -0.009 min
Response: 2323821
Conc: 18.84 ug/ml



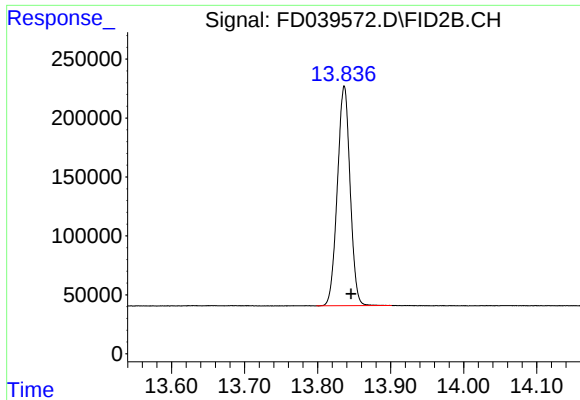
#11 n-Heneicosane (C21)

R.T.: 13.252 min
Delta R.T.: -0.009 min
Response: 2315921
Conc: 18.49 ug/ml



#12 1-chlorooctadecane (SURR)

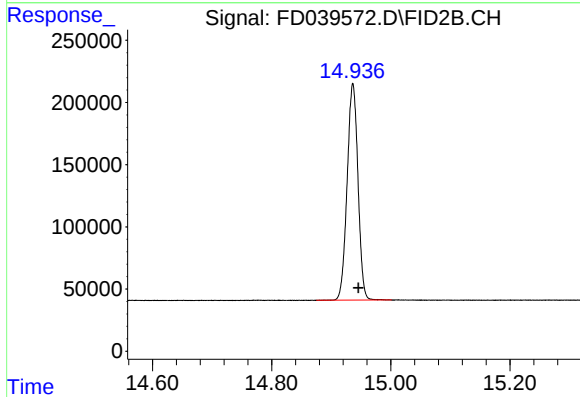
R.T.: 13.087 min
Delta R.T.: -0.010 min
Response: 1906070
Conc: 18.34 ug/ml



#13 n-Docosane (C22)

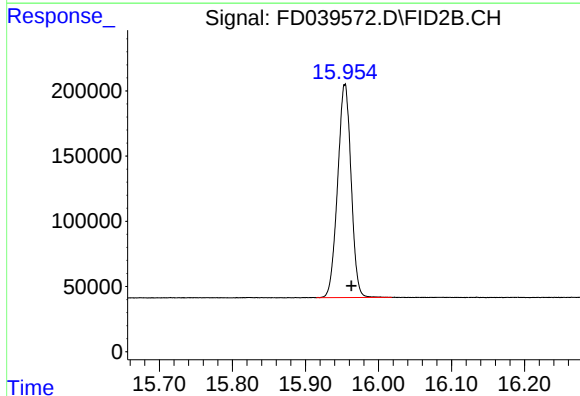
R.T.: 13.836 min
Delta R.T.: -0.010 min
Response: 2260242
Conc: 18.20 ug/ml

Instrument :
FID_D
ClientSampleId :



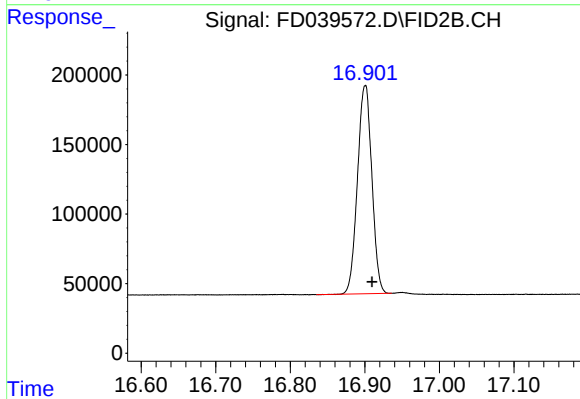
#14 n-Tetracosane (C24)

R.T.: 14.936 min
Delta R.T.: -0.010 min
Response: 2203305
Conc: 17.75 ug/ml



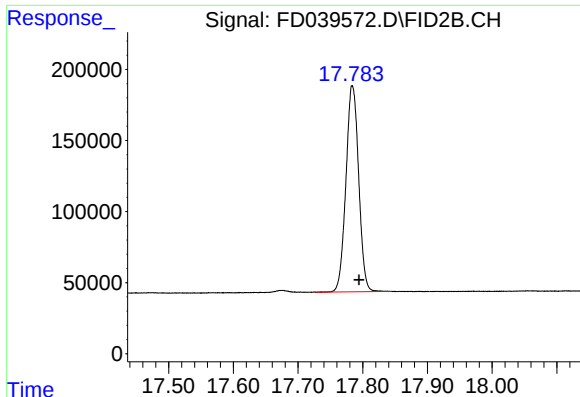
#15 n-Hexacosane (C26)

R.T.: 15.954 min
Delta R.T.: -0.009 min
Response: 2094079
Conc: 17.05 ug/ml



#16 n-Octacosane (C28)

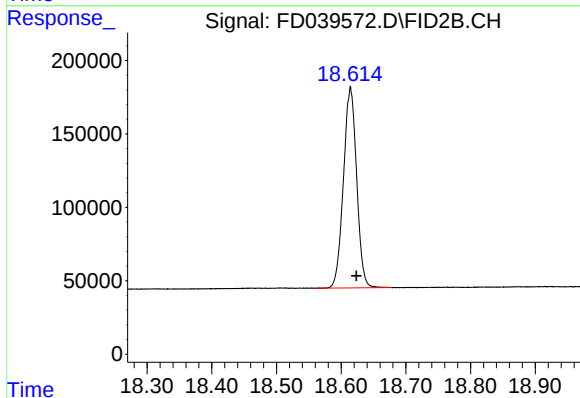
R.T.: 16.900 min
Delta R.T.: -0.010 min
Response: 2006337
Conc: 17.23 ug/ml



#17 n-Tricontane (C30)

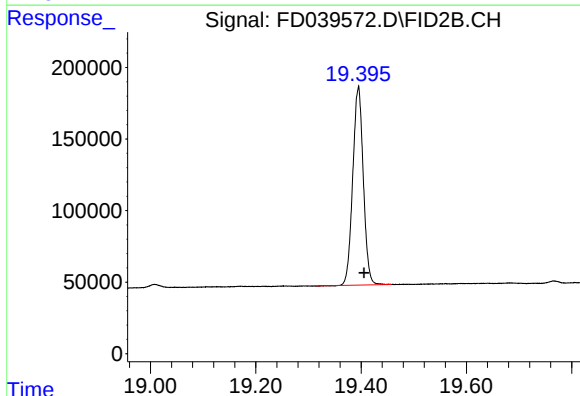
R.T.: 17.784 min
Delta R.T.: -0.010 min
Response: 1986050
Conc: 16.86 ug/ml

Instrument :
FID_D
ClientSampleId :



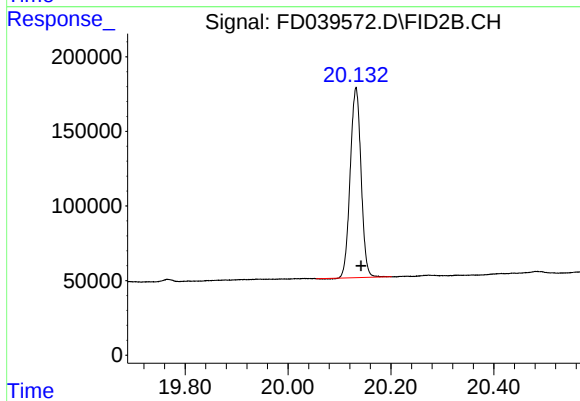
#18 n-Dotriacontane (C32)

R.T.: 18.614 min
Delta R.T.: -0.009 min
Response: 1935843
Conc: 16.93 ug/ml



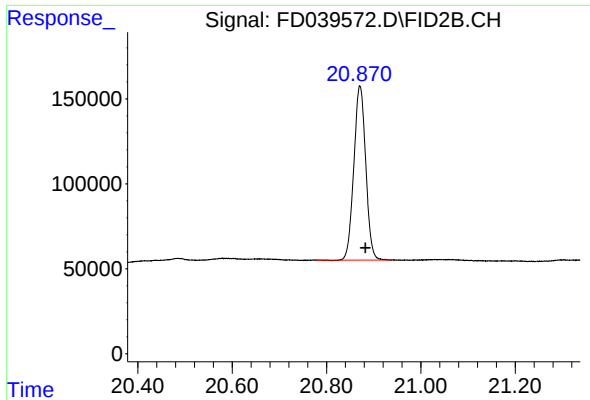
#19 n-Tetratriacontane (C34)

R.T.: 19.395 min
Delta R.T.: -0.011 min
Response: 1925819
Conc: 18.17 ug/ml



#20 n-Hexatriacontane (C36)

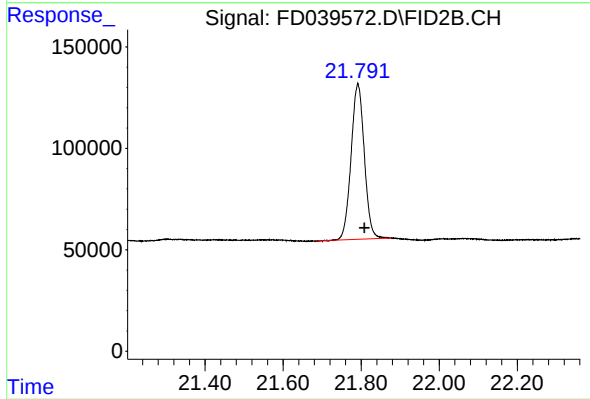
R.T.: 20.132 min
Delta R.T.: -0.010 min
Response: 1858958
Conc: 18.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.871 min
Delta R.T.: -0.012 min
Response: 1794162
Conc: 18.70 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.791 min
Delta R.T.: -0.017 min
Response: 1801618
Conc: 19.53 ug/ml