

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052521AL\
 Data File : FC053932.D
 Signal(s) : FID1A.CH
 Acq On : 26 May 2021 00:58
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 26 01:42:21 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050321.M
 Quant Title : GC Extractables
 QLast Update : Tue May 04 11:44:19 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)	11.523	2436083	17.596 ug/ml
Spiked Amount 50.000		Recovery =	35.19%
12) S 1-chlorooctadecane (S...	12.964	1903280	17.065 ug/ml
Spiked Amount 50.000		Recovery =	34.13%
Target Compounds			
1) T n-Nonane (C9)	3.285	2390858	20.242 ug/ml
2) T n-Decane (C10)	4.349	2433781	20.553 ug/ml
3) T A~Naphthalene (C11.7)	5.933	2626774	20.159 ug/ml
4) T n-Dodecane (C12)	6.367	2480080	20.496 ug/ml
5) T A~2-methylnaphthalene...	6.991	2658360	20.107 ug/ml
6) T n-Tetradecane (C14)	8.164	2466840	20.250 ug/ml
7) T n-Hexadecane (C16)	9.765	2409235	19.671 ug/ml
8) T n-Octadecane (C18)	11.209	2438389	18.723 ug/ml
10) T n-Eicosane (C20)	12.519	2360963	17.837 ug/ml
11) T n-Heneicosane (C21)	13.132	2298989	17.310 ug/ml
13) T n-Docosane (C22)	13.719	2264276	17.023 ug/ml
14) T n-Tetracosane (C24)	14.824	2202996	16.504 ug/ml
15) T n-Hexacosane (C26)	15.845	2113962	15.989 ug/ml
16) T n-Octacosane (C28)	16.796	2086446	15.939 ug/ml
17) T n-Tricontane (C30)	17.685	2104490	16.135 ug/ml
18) T n-Dotriacontane (C32)	18.518	2070195	16.407 ug/ml
19) T n-Tetratriacontane (C34)	19.303	2045021	16.784 ug/ml
20) T n-Hexatriacontane (C36)	20.043	2080924	17.798 ug/ml
21) T n-Octatriacontane (C38)	20.772	1862416	18.104 ug/ml
22) T n-Tetracontane (C40)	21.665	1899536	19.063 ug/ml

(f)=RT Delta > 1/2 Window

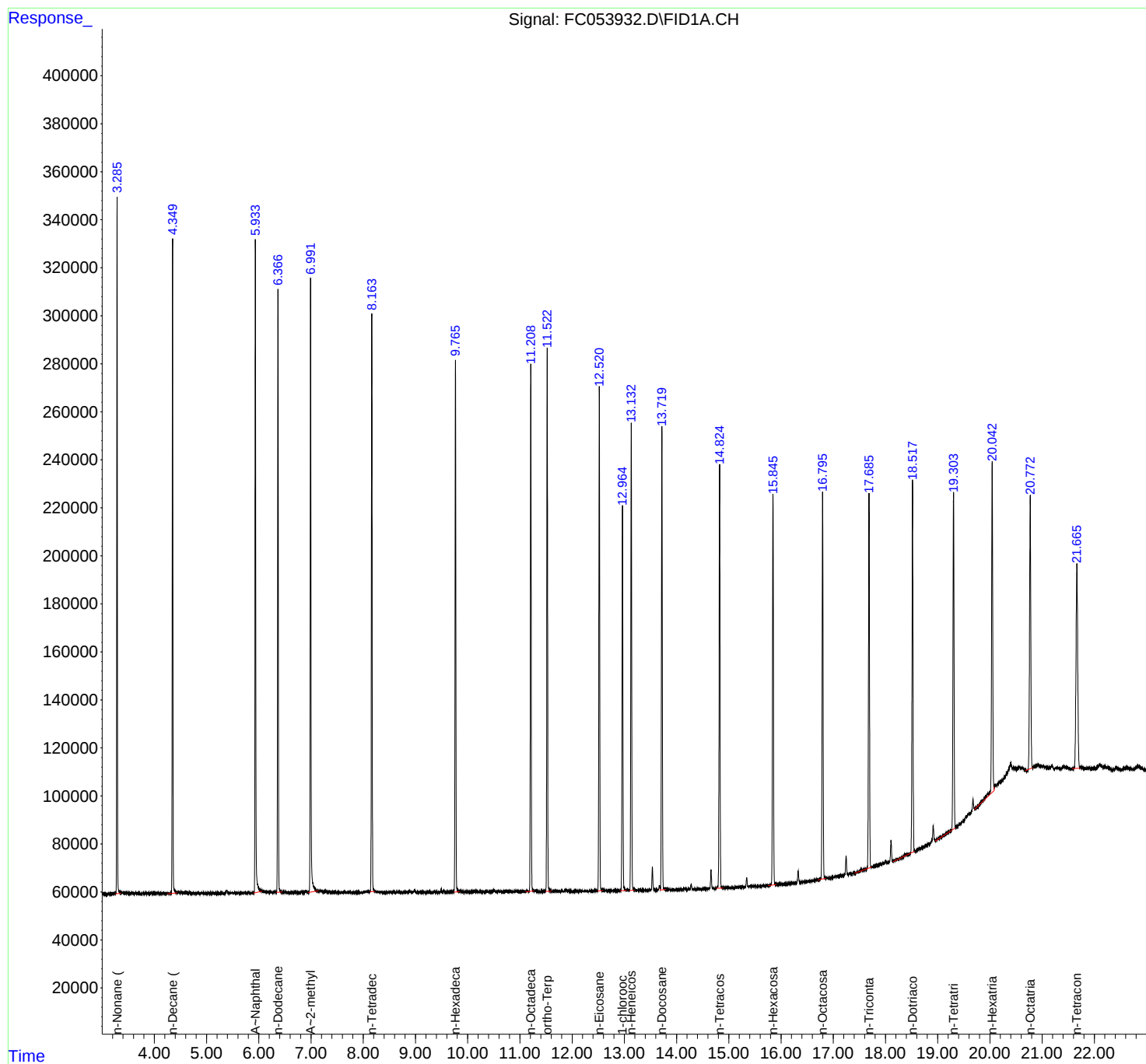
(m)=manual int.

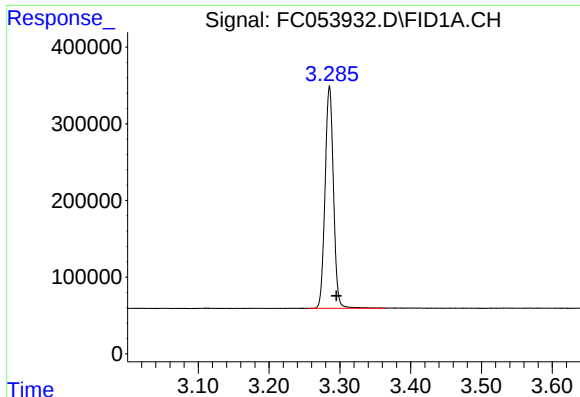
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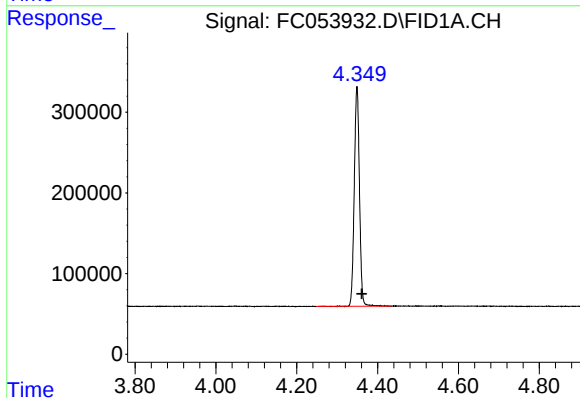




#1 n-Nonane (C9)

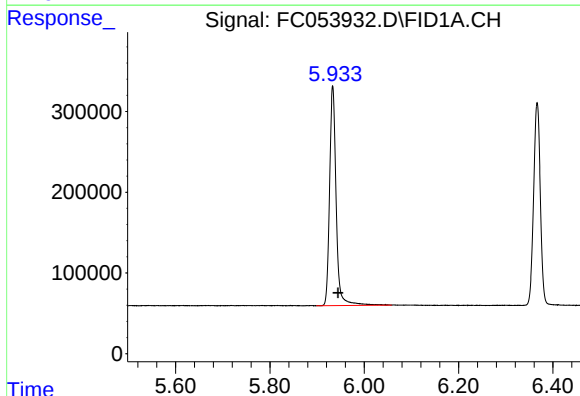
R.T.: 3.285 min
Delta R.T.: -0.010 min
Response: 2390858
Conc: 20.24 ug/ml

Instrument :
FID_C
ClientSampleId :



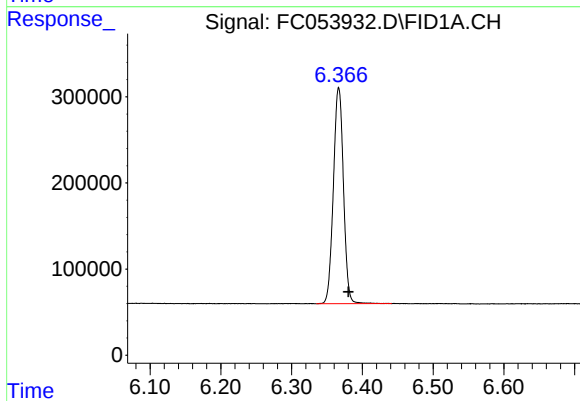
#2 n-Decane (C10)

R.T.: 4.349 min
Delta R.T.: -0.012 min
Response: 2433781
Conc: 20.55 ug/ml



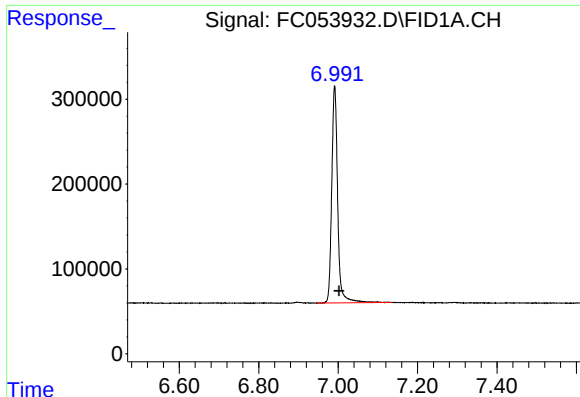
#3 A~Naphthalene (C11.7)

R.T.: 5.933 min
Delta R.T.: -0.011 min
Response: 2626774
Conc: 20.16 ug/ml



#4 n-Dodecane (C12)

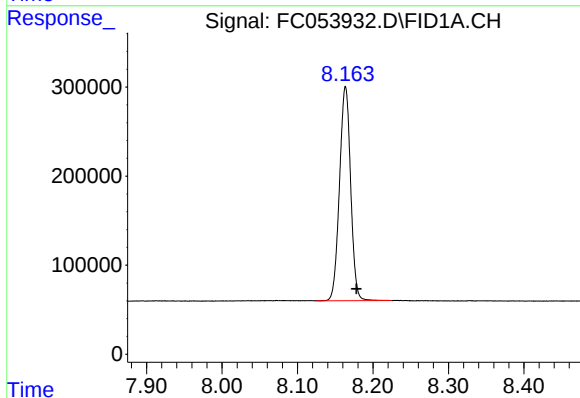
R.T.: 6.367 min
Delta R.T.: -0.014 min
Response: 2480080
Conc: 20.50 ug/ml



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

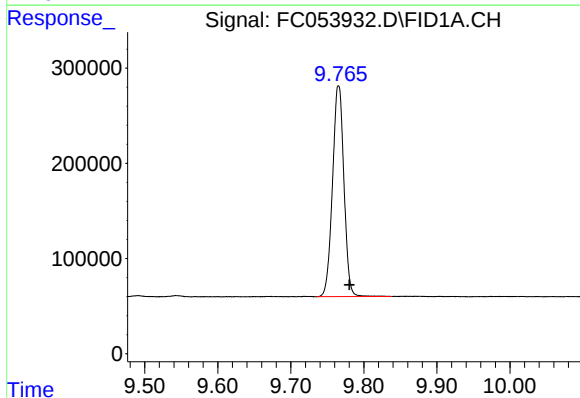
R.T.: 6.991 min
Delta R.T.: -0.011 min
Response: 2658360
Conc: 20.11 ug/ml

Instrument :
FID_C
ClientSampleId :



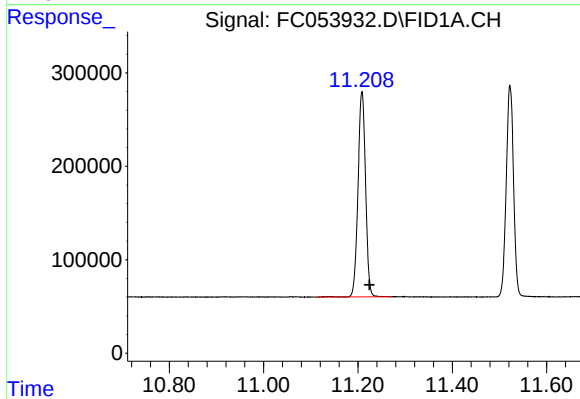
#6 n-Tetradecane (C14)

R.T.: 8.164 min
Delta R.T.: -0.014 min
Response: 2466840
Conc: 20.25 ug/ml



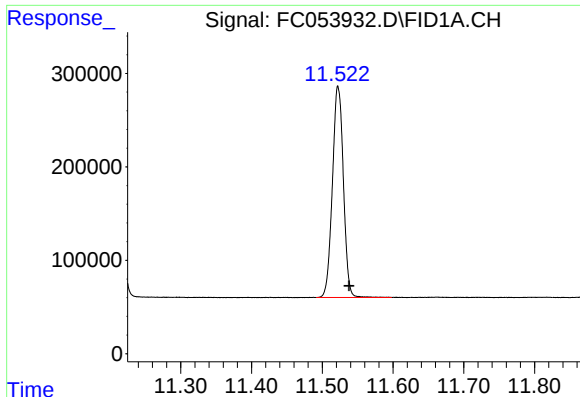
#7 n-Hexadecane (C16)

R.T.: 9.765 min
Delta R.T.: -0.015 min
Response: 2409235
Conc: 19.67 ug/ml



#8 n-Octadecane (C18)

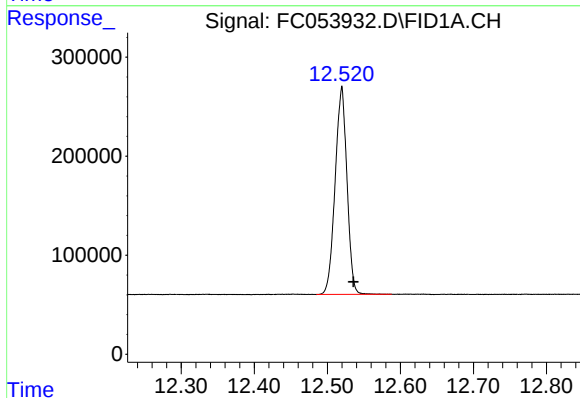
R.T.: 11.209 min
Delta R.T.: -0.016 min
Response: 2438389
Conc: 18.72 ug/ml



#9 ortho-Terphenyl (SURR)

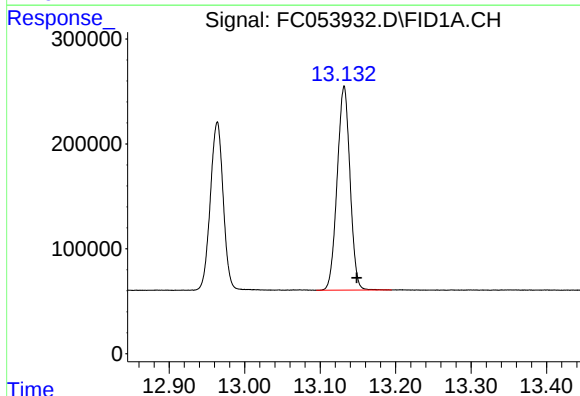
R.T.: 11.523 min
Delta R.T.: -0.016 min
Response: 2436083
Conc: 17.60 ug/ml

Instrument :
FID_C
ClientSampleId :



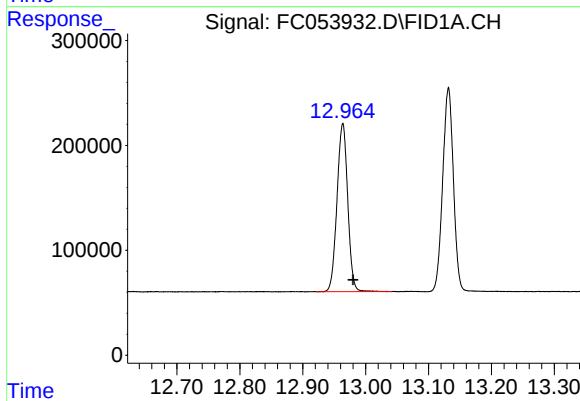
#10 n-Eicosane (C20)

R.T.: 12.519 min
Delta R.T.: -0.016 min
Response: 2360963
Conc: 17.84 ug/ml



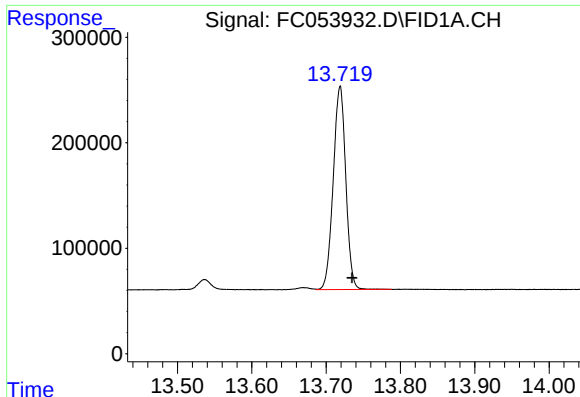
#11 n-Heneicosane (C21)

R.T.: 13.132 min
Delta R.T.: -0.017 min
Response: 2298989
Conc: 17.31 ug/ml



#12 1-chlorooctadecane (SURR)

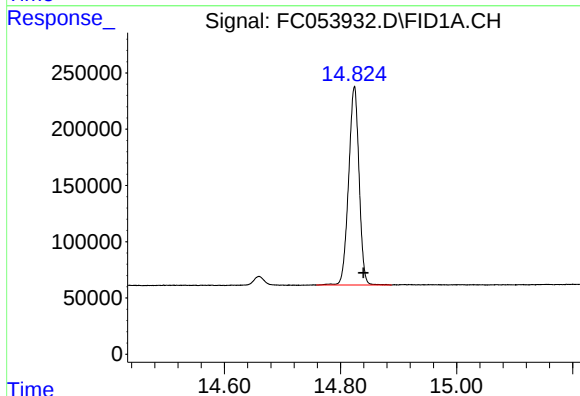
R.T.: 12.964 min
Delta R.T.: -0.017 min
Response: 1903280
Conc: 17.06 ug/ml



#13 n-Docosane (C22)

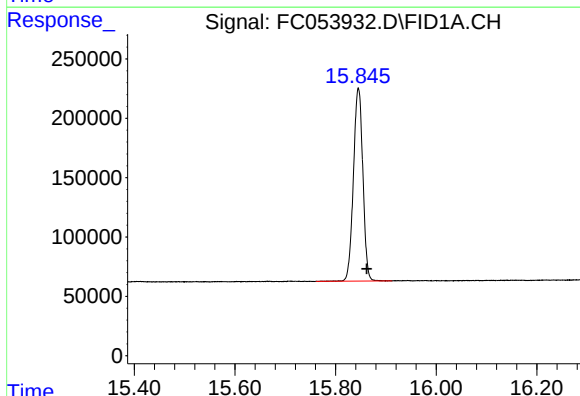
R.T.: 13.719 min
Delta R.T.: -0.016 min
Response: 2264276
Conc: 17.02 ug/ml

Instrument :
FID_C
ClientSampleId :



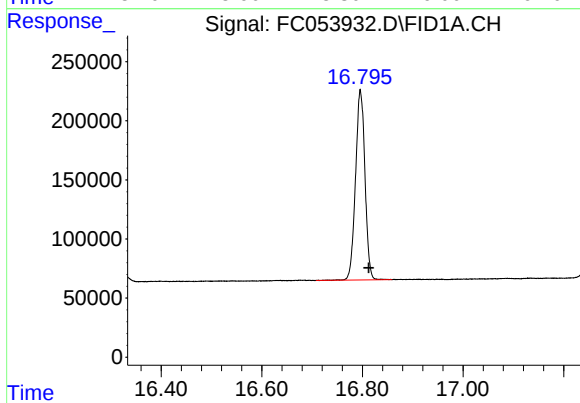
#14 n-Tetracosane (C24)

R.T.: 14.824 min
Delta R.T.: -0.016 min
Response: 2202996
Conc: 16.50 ug/ml



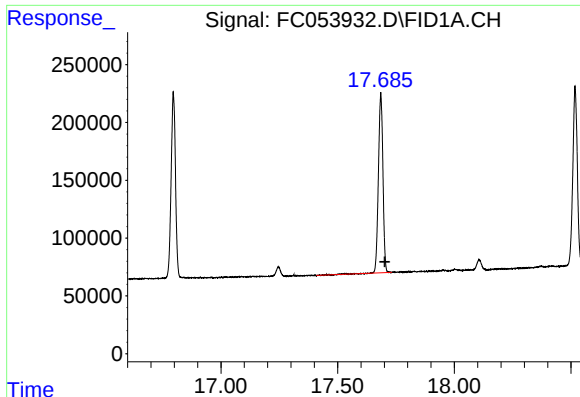
#15 n-Hexacosane (C26)

R.T.: 15.845 min
Delta R.T.: -0.017 min
Response: 2113962
Conc: 15.99 ug/ml



#16 n-Octacosane (C28)

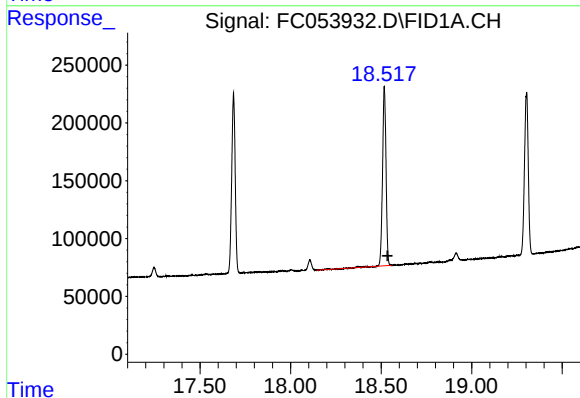
R.T.: 16.796 min
Delta R.T.: -0.016 min
Response: 2086446
Conc: 15.94 ug/ml



#17 n-Tricontane (C30)

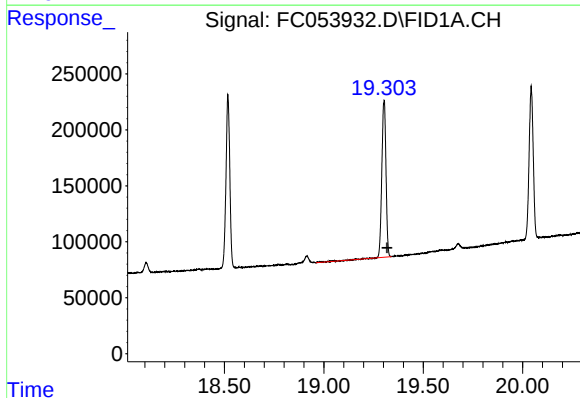
R.T.: 17.685 min
Delta R.T.: -0.016 min
Response: 2104490
Conc: 16.13 ug/ml

Instrument :
FID_C
ClientSampleId :



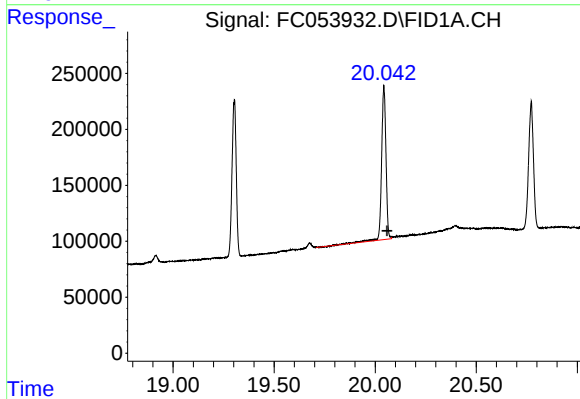
#18 n-Dotriacontane (C32)

R.T.: 18.518 min
Delta R.T.: -0.017 min
Response: 2070195
Conc: 16.41 ug/ml



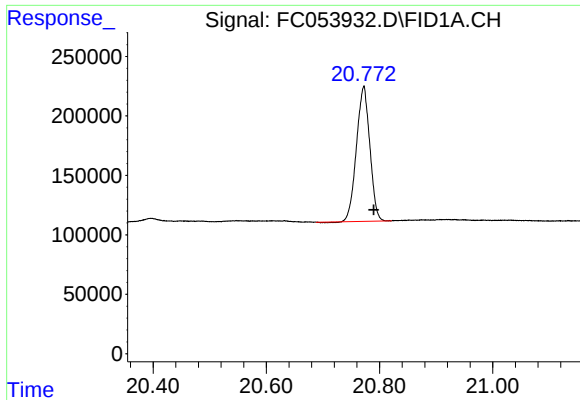
#19 n-Tetratriacontane (C34)

R.T.: 19.303 min
Delta R.T.: -0.015 min
Response: 2045021
Conc: 16.78 ug/ml



#20 n-Hexatriacontane (C36)

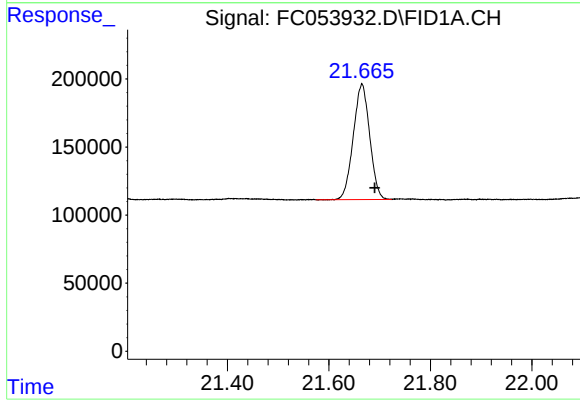
R.T.: 20.043 min
Delta R.T.: -0.016 min
Response: 2080924
Conc: 17.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.772 min
Delta R.T.: -0.018 min
Response: 1862416
Conc: 18.10 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.665 min
Delta R.T.: -0.025 min
Response: 1899536
Conc: 19.06 ug/ml