

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120721AL\
 Data File : FC057260.D
 Signal(s) : FID1A.CH
 Acq On : 07 Dec 2021 14:01
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Dec 08 00:55:15 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 19 00:52:49 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)	11.583	2300451	19.824 ug/ml
Spiked Amount 50.000		Recovery =	39.65%
12) S 1-chlorooctadecane (S...	13.016	1772387	19.469 ug/ml
Spiked Amount 50.000		Recovery =	38.94%
Target Compounds			
1) T n-Nonane (C9)	3.347	2118939	20.911 ug/ml
2) T n-Decane (C10)	4.414	2176937	21.739 ug/ml
3) T A~Naphthalene (C11.7)	6.003	2416861	21.645 ug/ml
4) T n-Dodecane (C12)	6.432	2206831	21.765 ug/ml
5) T A~2-methylnaphthalene...	7.059	2403920	21.802 ug/ml
6) T n-Tetradecane (C14)	8.225	2209454	21.807 ug/ml
7) T n-Hexadecane (C16)	9.824	2189964	21.341 ug/ml
8) T n-Octadecane (C18)	11.264	2235151	20.862 ug/ml
10) T n-Eicosane (C20)	12.571	2154090	20.140 ug/ml
11) T n-Heneicosane (C21)	13.182	2139843	19.760 ug/ml
13) T n-Docosane (C22)	13.767	2099448	19.596 ug/ml
14) T n-Tetracosane (C24)	14.866	2037048	18.817 ug/ml
15) T n-Hexacosane (C26)	15.885	1975238	18.544 ug/ml
16) T n-Octacosane (C28)	16.832	1949183	18.274 ug/ml
17) T n-Tricontane (C30)	17.716	1931718	18.124 ug/ml
18) T n-Dotriacontane (C32)	18.544	1895630	17.971 ug/ml
19) T n-Tetratriacontane (C34)	19.325	1897472	18.265 ug/ml
20) T n-Hexatriacontane (C36)	20.060	1862255	18.437 ug/ml
21) T n-Octatriacontane (C38)	20.791	1812936	19.750 ug/ml
22) T n-Tetracontane (C40)	21.693	1827737	20.289 ug/ml

(f)=RT Delta > 1/2 Window

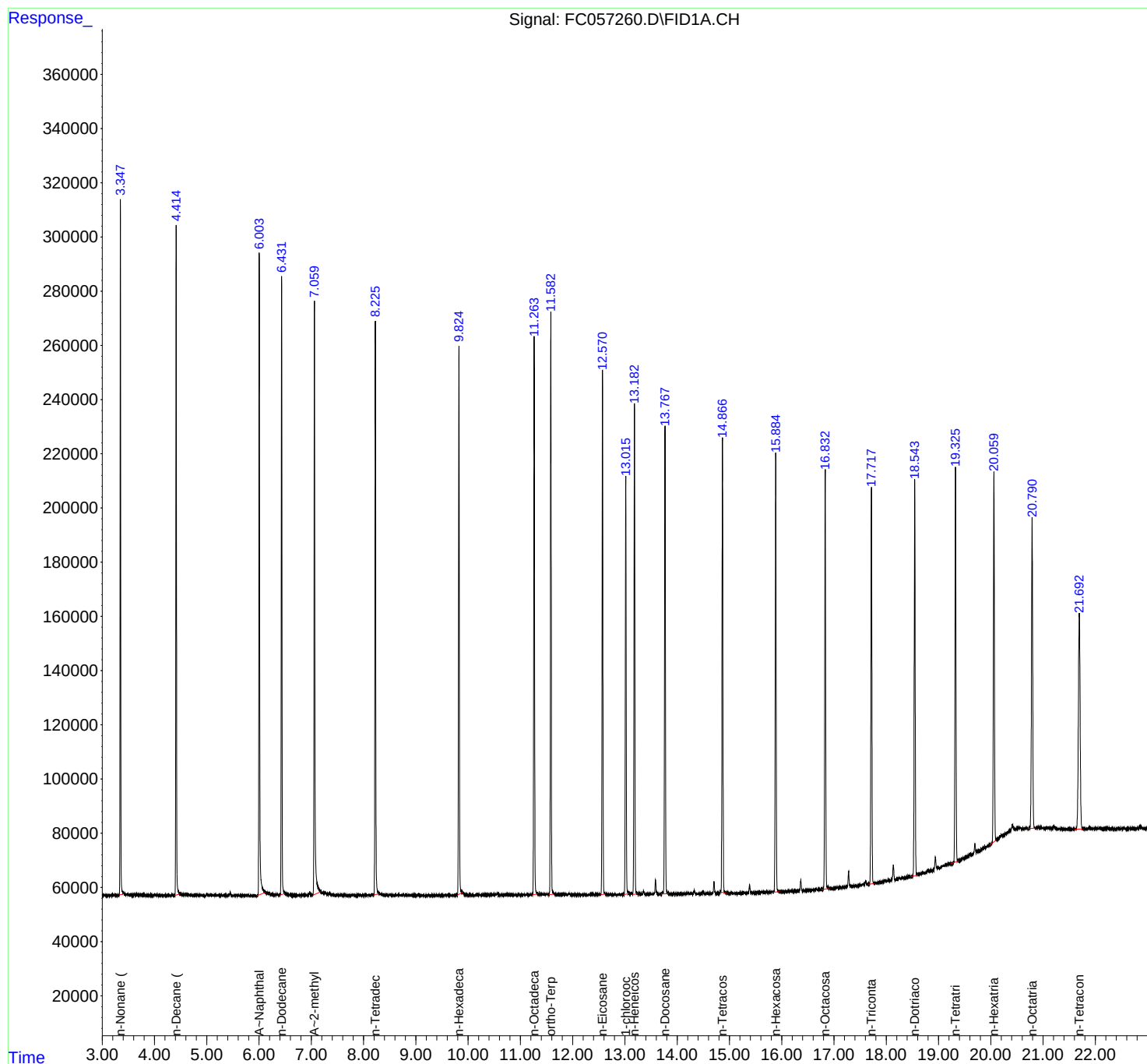
(m)=manual int.

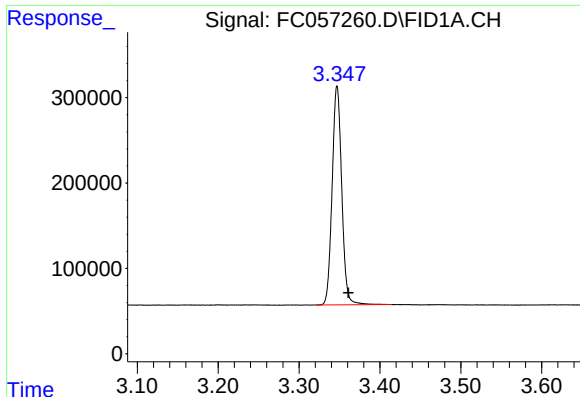
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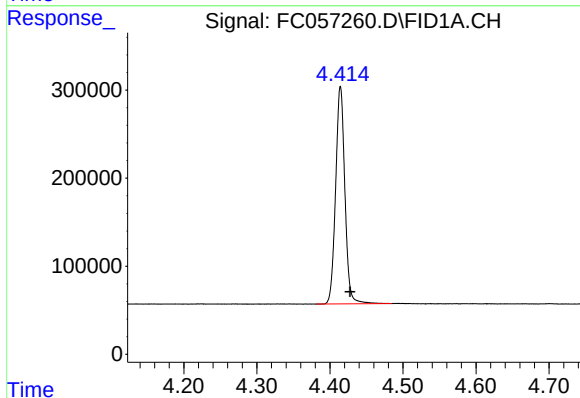




#1 n-Nonane (C9)

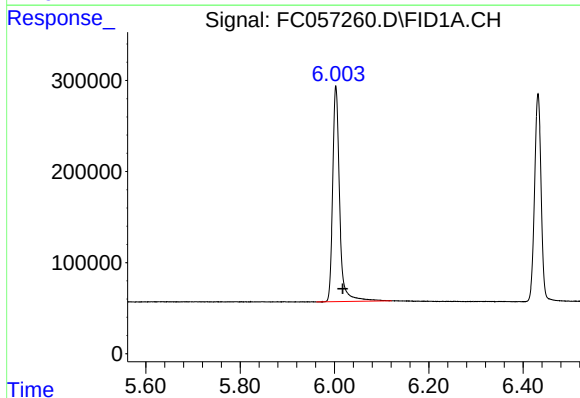
R.T.: 3.347 min
Delta R.T.: -0.014 min
Response: 2118939
Conc: 20.91 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



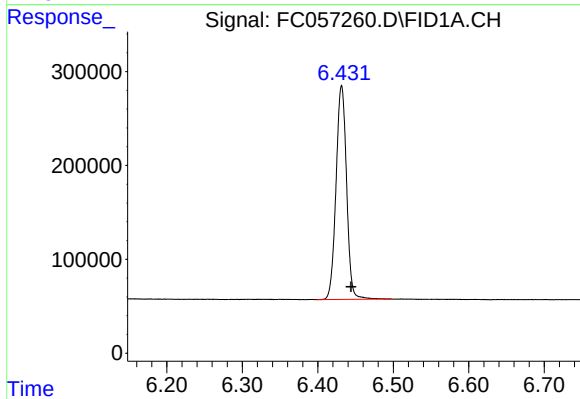
#2 n-Decane (C10)

R.T.: 4.414 min
Delta R.T.: -0.013 min
Response: 2176937
Conc: 21.74 ug/ml



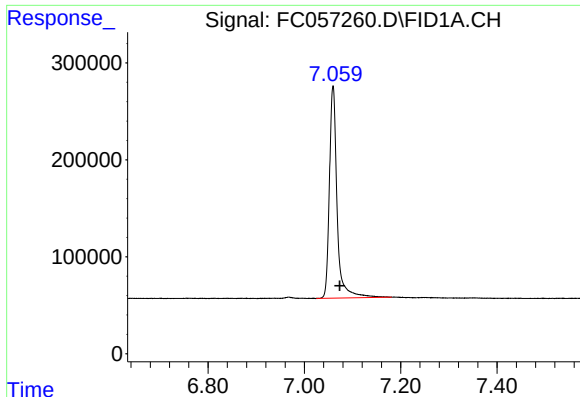
#3 A~Naphthalene (C11.7)

R.T.: 6.003 min
Delta R.T.: -0.015 min
Response: 2416861
Conc: 21.64 ug/ml



#4 n-Dodecane (C12)

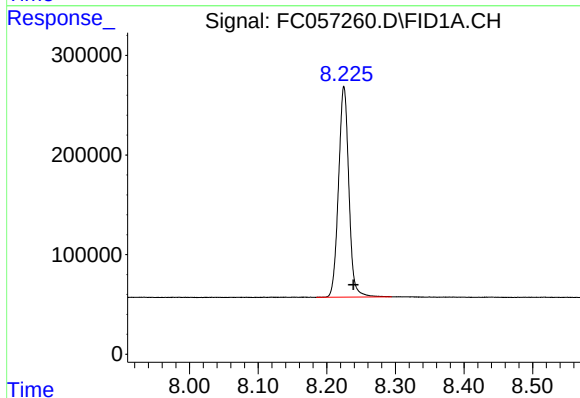
R.T.: 6.432 min
Delta R.T.: -0.013 min
Response: 2206831
Conc: 21.77 ug/ml



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

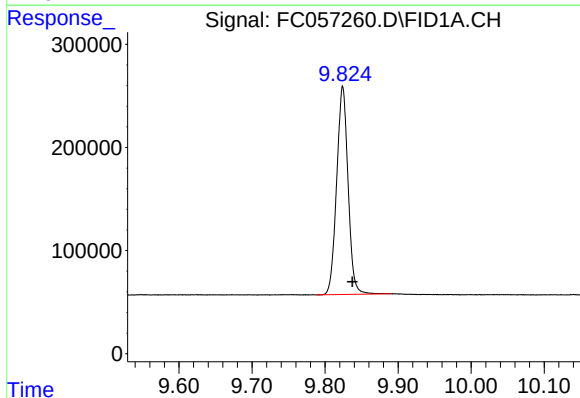
R.T.: 7.059 min
Delta R.T.: -0.014 min
Response: 2403920
Conc: 21.80 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



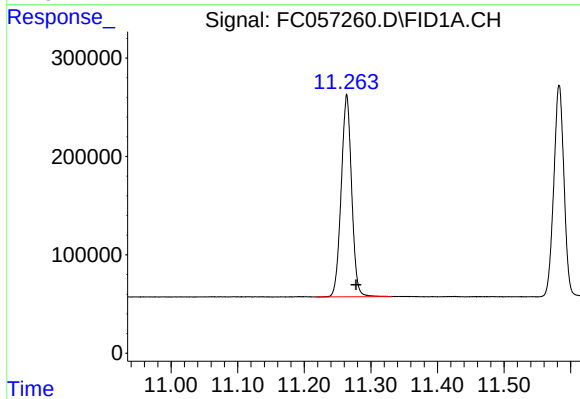
#6 n-Tetradecane (C14)

R.T.: 8.225 min
Delta R.T.: -0.014 min
Response: 2209454
Conc: 21.81 ug/ml



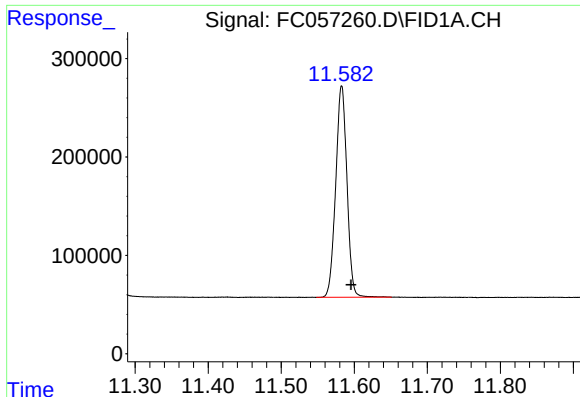
#7 n-Hexadecane (C16)

R.T.: 9.824 min
Delta R.T.: -0.013 min
Response: 2189964
Conc: 21.34 ug/ml



#8 n-Octadecane (C18)

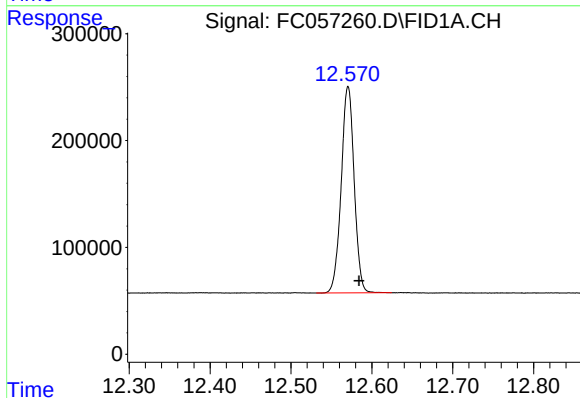
R.T.: 11.264 min
Delta R.T.: -0.014 min
Response: 2235151
Conc: 20.86 ug/ml



#9 ortho-Terphenyl (SURRE)

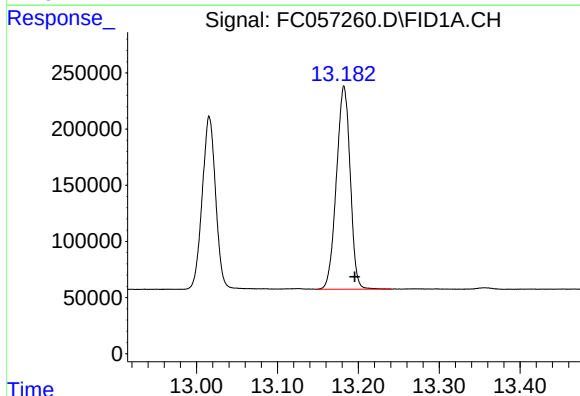
R.T.: 11.583 min
Delta R.T.: -0.013 min
Response: 2300451
Conc: 19.82 ug/ml

Instrument :
FID_C
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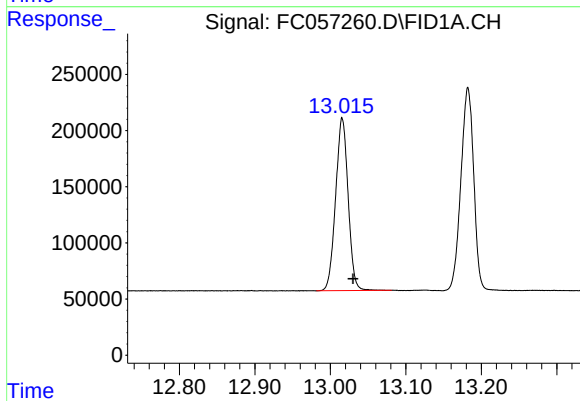
#10 n-Eicosane (C20)

R.T.: 12.571 min
Delta R.T.: -0.014 min
Response: 2154090
Conc: 20.14 ug/ml



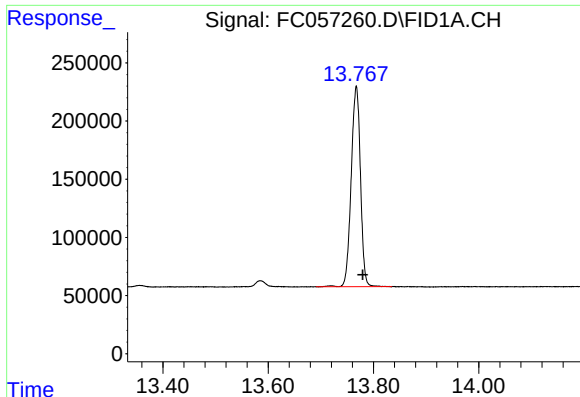
#11 n-Heneicosane (C21)

R.T.: 13.182 min
Delta R.T.: -0.013 min
Response: 2139843
Conc: 19.76 ug/ml



#12 1-chlorooctadecane (SURRE)

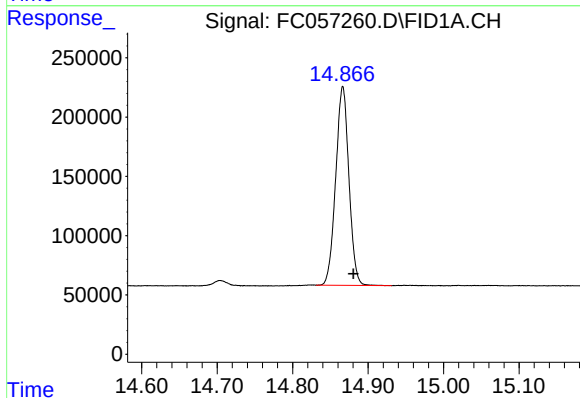
R.T.: 13.016 min
Delta R.T.: -0.014 min
Response: 1772387
Conc: 19.47 ug/ml



#13 n-Docosane (C22)

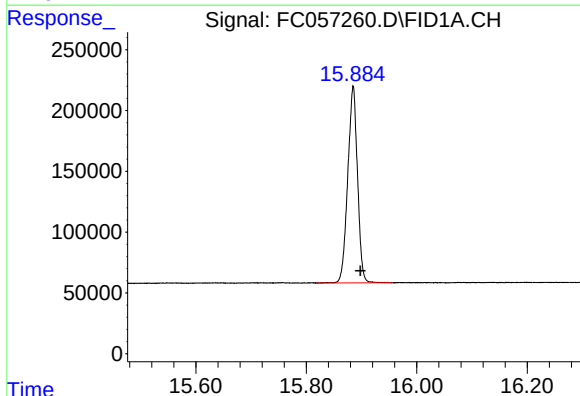
R.T.: 13.767 min
Delta R.T.: -0.013 min
Response: 2099448
Conc: 19.60 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



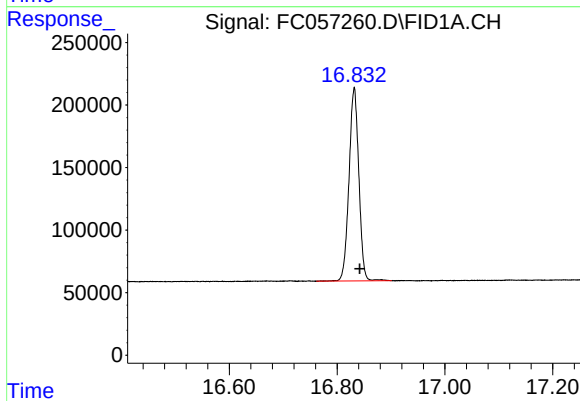
#14 n-Tetracosane (C24)

R.T.: 14.866 min
Delta R.T.: -0.014 min
Response: 2037048
Conc: 18.82 ug/ml



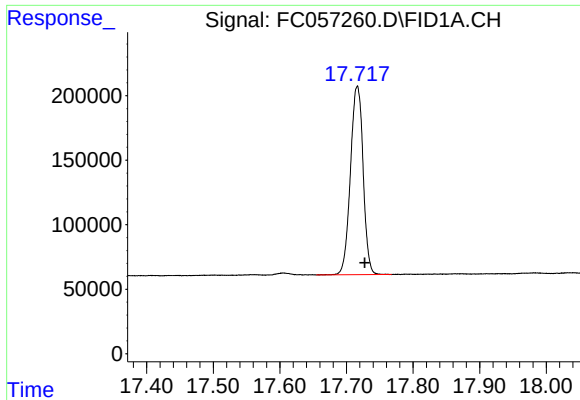
#15 n-Hexacosane (C26)

R.T.: 15.885 min
Delta R.T.: -0.013 min
Response: 1975238
Conc: 18.54 ug/ml



#16 n-Octacosane (C28)

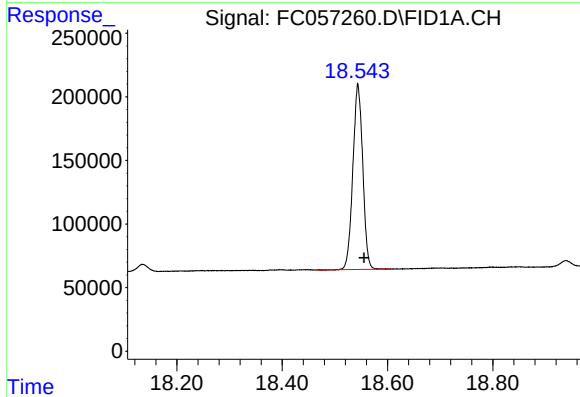
R.T.: 16.832 min
Delta R.T.: -0.011 min
Response: 1949183
Conc: 18.27 ug/ml



#17 n-Tricontane (C30)

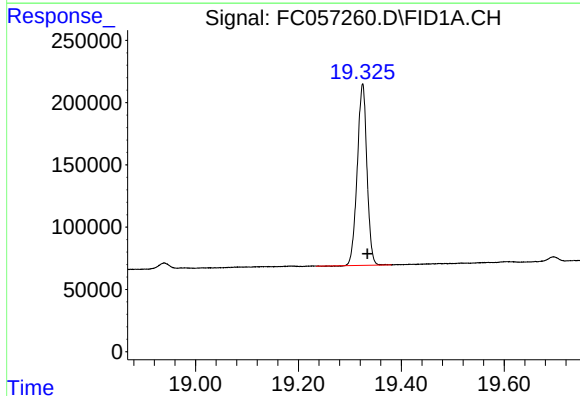
R.T.: 17.716 min
Delta R.T.: -0.011 min
Response: 1931718
Conc: 18.12 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



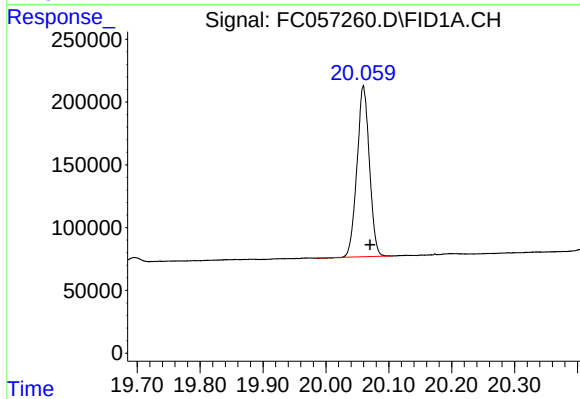
#18 n-Dotriacontane (C32)

R.T.: 18.544 min
Delta R.T.: -0.011 min
Response: 1895630
Conc: 17.97 ug/ml



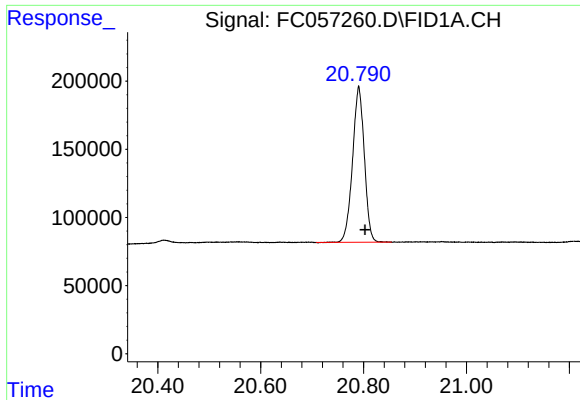
#19 n-Tetratriacontane (C34)

R.T.: 19.325 min
Delta R.T.: -0.010 min
Response: 1897472
Conc: 18.26 ug/ml



#20 n-Hexatriacontane (C36)

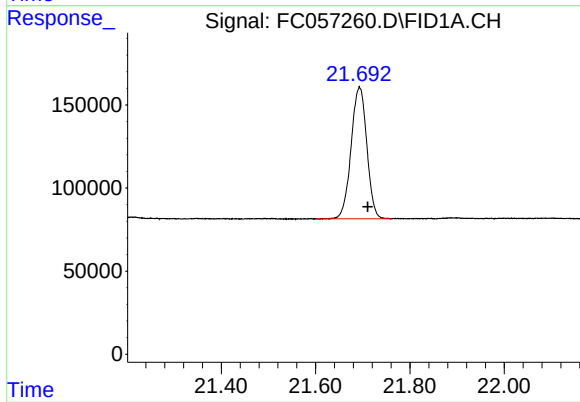
R.T.: 20.060 min
Delta R.T.: -0.011 min
Response: 1862255
Conc: 18.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.791 min
Delta R.T.: -0.012 min
Response: 1812936
Conc: 19.75 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.693 min
Delta R.T.: -0.017 min
Response: 1827737
Conc: 20.29 ug/ml