

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112221AL\
 Data File : FC057005.D
 Signal(s) : FID1A.CH
 Acq On : 23 Nov 2021 1:17
 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: autoint1.e
 Quant Time: Nov 23 04:44:09 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)	11.593	2304507	19.858 ug/ml
Spiked Amount 50.000		Recovery =	39.72%
12) S 1-chlorooctadecane (S...	13.025	1792926	19.694 ug/ml
Spiked Amount 50.000		Recovery =	39.39%
Target Compounds			
1) T n-Nonane (C9)	3.357	2010504	19.841 ug/ml
2) T n-Decane (C10)	4.424	2007023	20.042 ug/ml
3) T A~Naphthalene (C11.7)	6.012	2277169	20.393 ug/ml
4) T n-Dodecane (C12)	6.441	2044980	20.169 ug/ml
5) T A~2-methylnaphthalene...	7.068	2279730	20.676 ug/ml
6) T n-Tetradecane (C14)	8.235	2052403	20.257 ug/ml
7) T n-Hexadecane (C16)	9.834	2080760	20.277 ug/ml
8) T n-Octadecane (C18)	11.274	2160368	20.164 ug/ml
10) T n-Eicosane (C20)	12.581	2135914	19.970 ug/ml
11) T n-Heneicosane (C21)	13.191	2144649	19.804 ug/ml
13) T n-Docosane (C22)	13.776	2104436	19.643 ug/ml
14) T n-Tetracosane (C24)	14.875	2072986	19.149 ug/ml
15) T n-Hexacosane (C26)	15.893	1986443	18.649 ug/ml
16) T n-Octacosane (C28)	16.839	1917864	17.980 ug/ml
17) T n-Tricontane (C30)	17.723	1854360	17.398 ug/ml
18) T n-Dotriacontane (C32)	18.552	1777494	16.852 ug/ml
19) T n-Tetratriacontane (C34)	19.331	1740102	16.750 ug/ml
20) T n-Hexatriacontane (C36)	20.067	1683523	16.667 ug/ml
21) T n-Octatriacontane (C38)	20.798	1672891	18.224 ug/ml
22) T n-Tetracontane (C40)	21.702	1648206	18.296 ug/ml

(f)=RT Delta > 1/2 Window

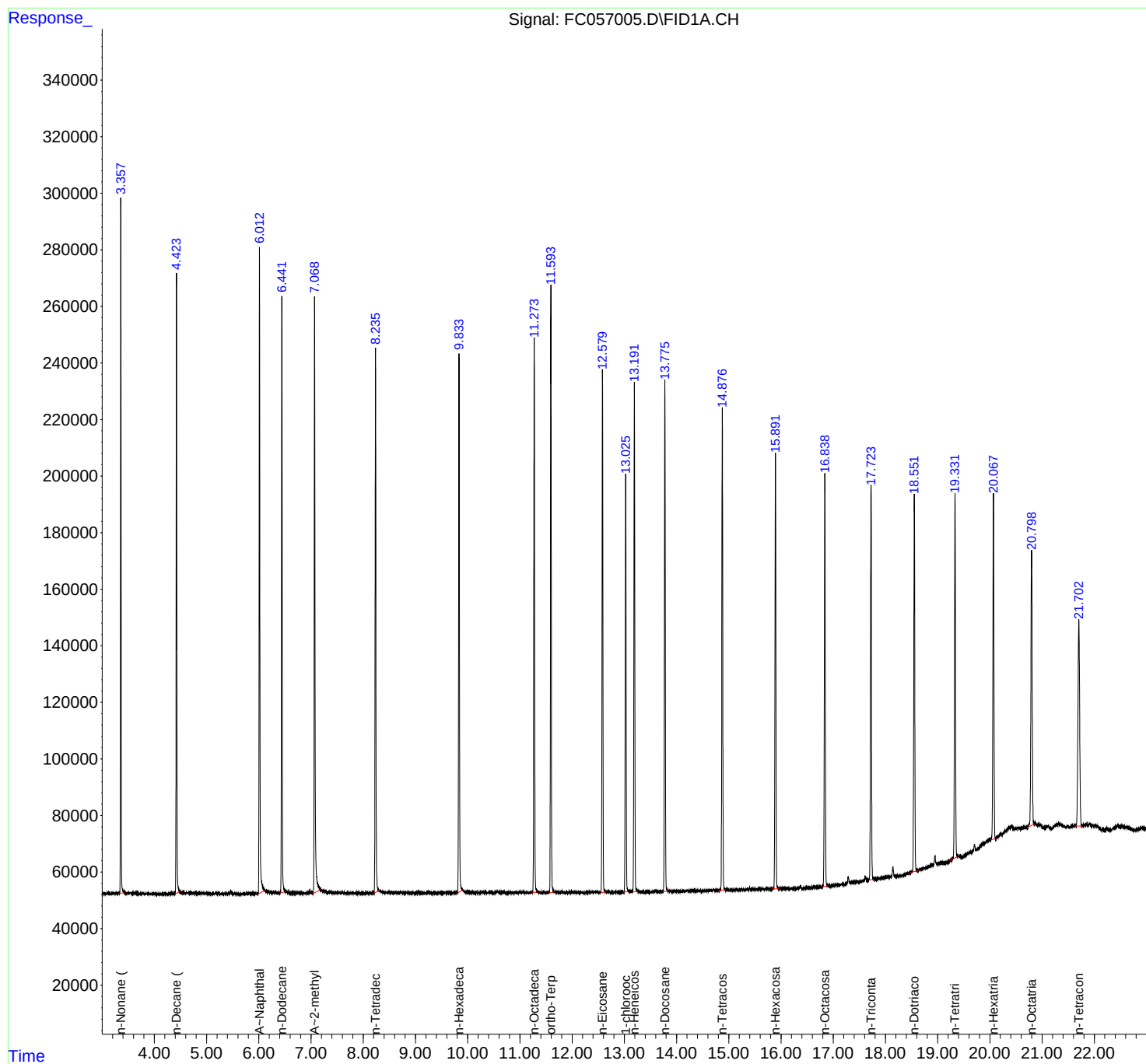
(m)=manual int.

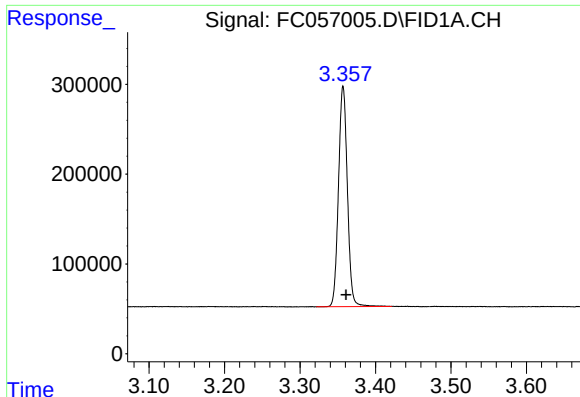
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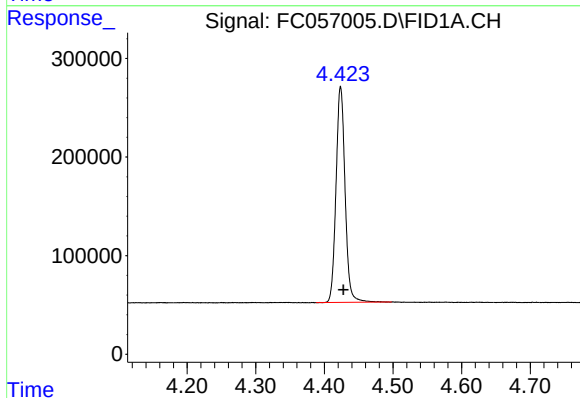




#1 n-Nonane (C9)

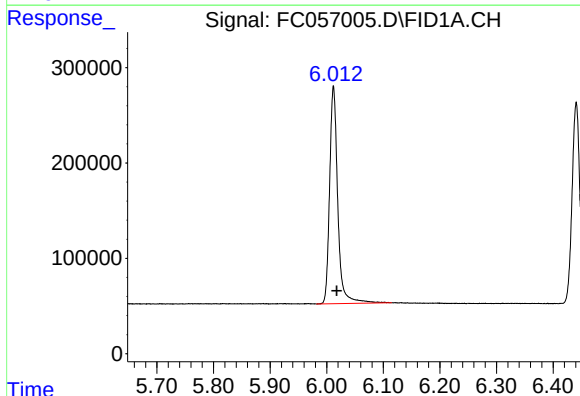
R.T.: 3.357 min
Delta R.T.: -0.004 min
Response: 2010504
Conc: 19.84 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



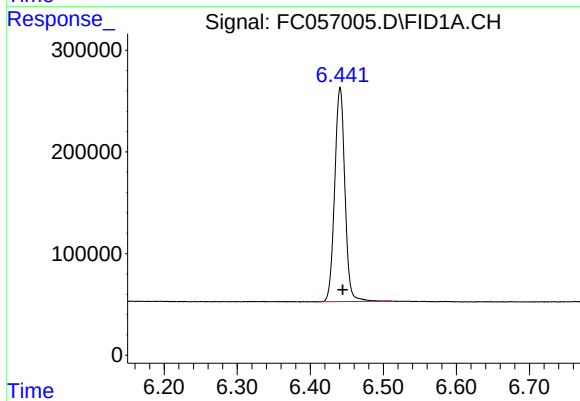
#2 n-Decane (C10)

R.T.: 4.424 min
Delta R.T.: -0.004 min
Response: 2007023
Conc: 20.04 ug/ml



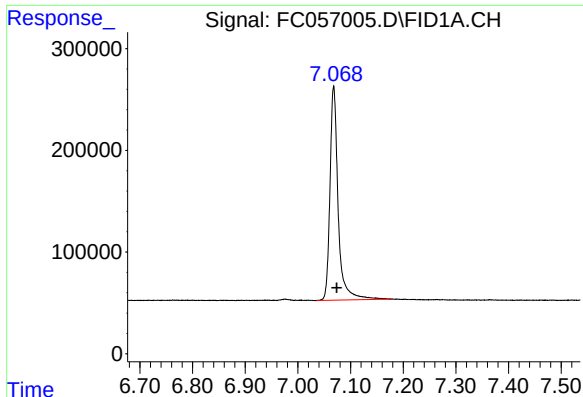
#3 A~Naphthalene (C11.7)

R.T.: 6.012 min
Delta R.T.: -0.006 min
Response: 2277169
Conc: 20.39 ug/ml



#4 n-Dodecane (C12)

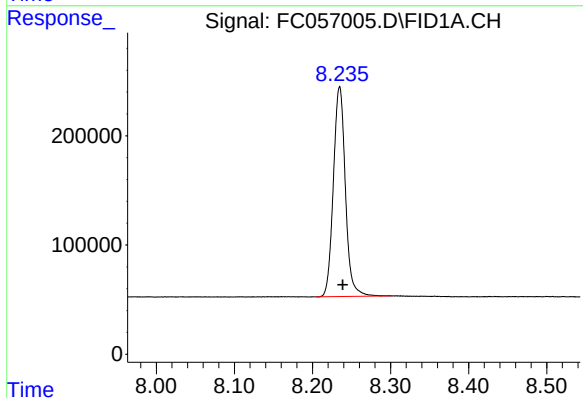
R.T.: 6.441 min
Delta R.T.: -0.004 min
Response: 2044980
Conc: 20.17 ug/ml



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

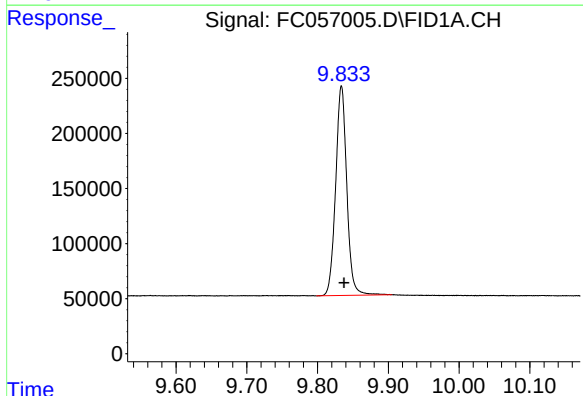
R.T.: 7.068 min
Delta R.T.: -0.005 min
Response: 2279730
Conc: 20.68 ug/ml

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20 PPM ALIPHATIC HC STD



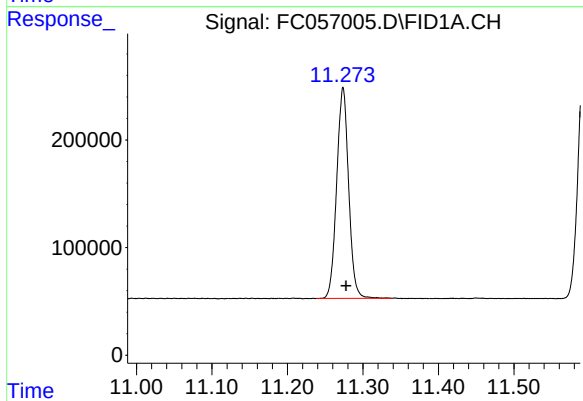
#6 n-Tetradecane (C14)

R.T.: 8.235 min
Delta R.T.: -0.004 min
Response: 2052403
Conc: 20.26 ug/ml



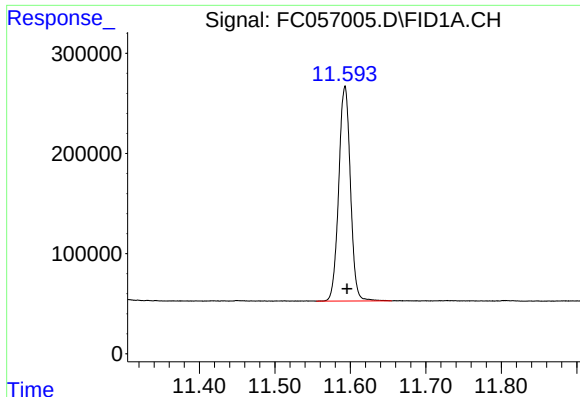
#7 n-Hexadecane (C16)

R.T.: 9.834 min
Delta R.T.: -0.004 min
Response: 2080760
Conc: 20.28 ug/ml



#8 n-Octadecane (C18)

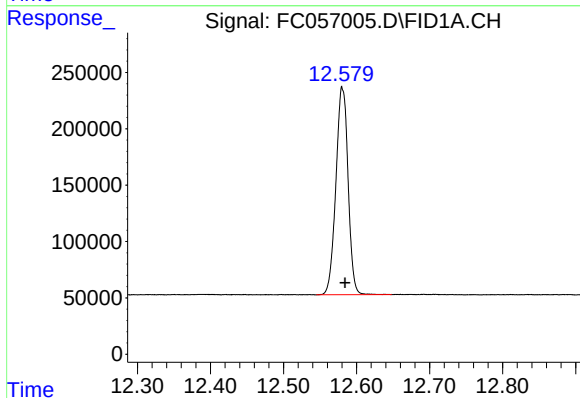
R.T.: 11.274 min
Delta R.T.: -0.004 min
Response: 2160368
Conc: 20.16 ug/ml



#9 ortho-Terphenyl (SURR)

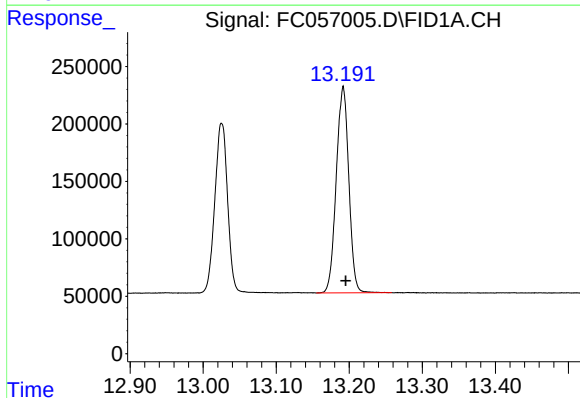
R.T.: 11.593 min
Delta R.T.: -0.003 min
Response: 2304507
Conc: 19.86 ug/ml

Instrument :
FID_C
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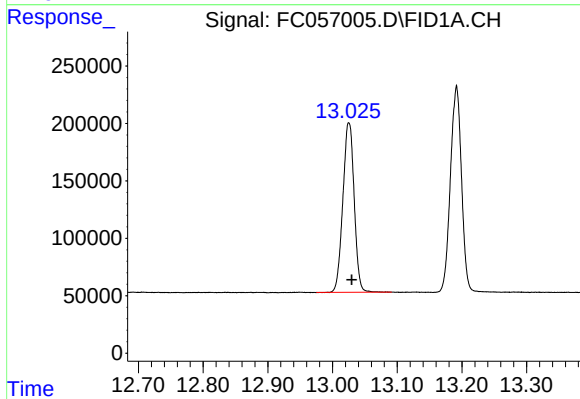
#10 n-Eicosane (C20)

R.T.: 12.581 min
Delta R.T.: -0.004 min
Response: 2135914
Conc: 19.97 ug/ml



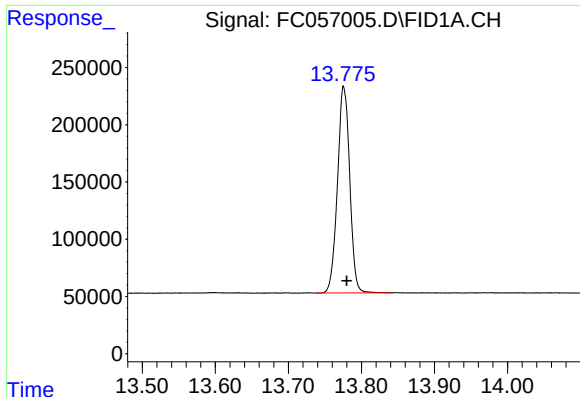
#11 n-Heneicosane (C21)

R.T.: 13.191 min
Delta R.T.: -0.004 min
Response: 2144649
Conc: 19.80 ug/ml



#12 1-chlorooctadecane (SURR)

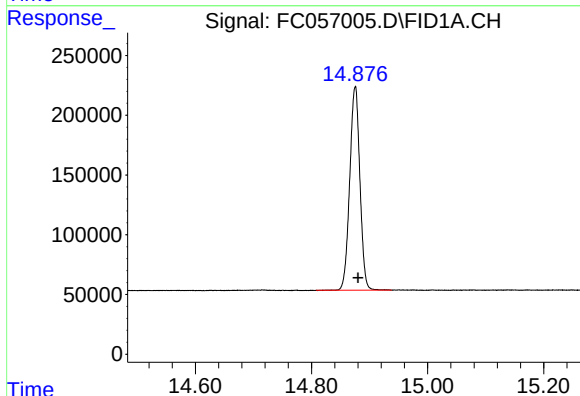
R.T.: 13.025 min
Delta R.T.: -0.005 min
Response: 1792926
Conc: 19.69 ug/ml



#13 n-Docosane (C22)

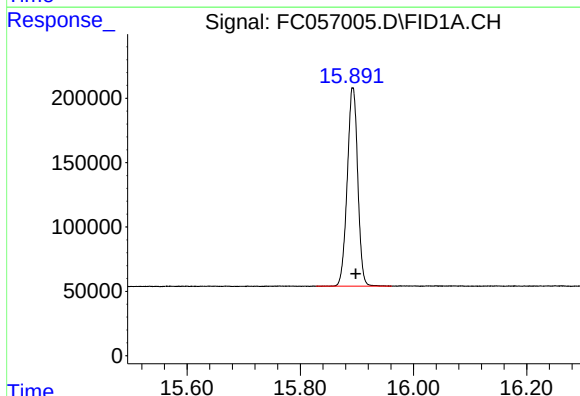
R.T.: 13.776 min
Delta R.T.: -0.004 min
Response: 2104436
Conc: 19.64 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



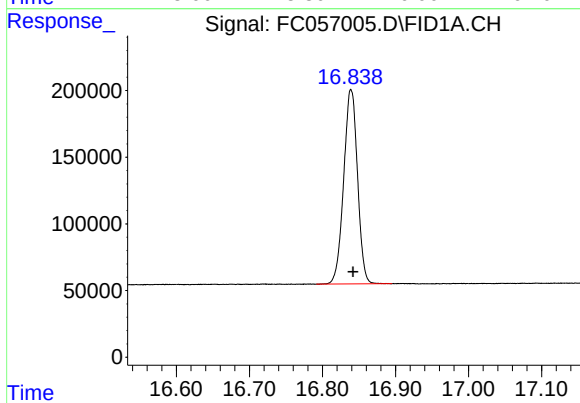
#14 n-Tetracosane (C24)

R.T.: 14.875 min
Delta R.T.: -0.005 min
Response: 2072986
Conc: 19.15 ug/ml



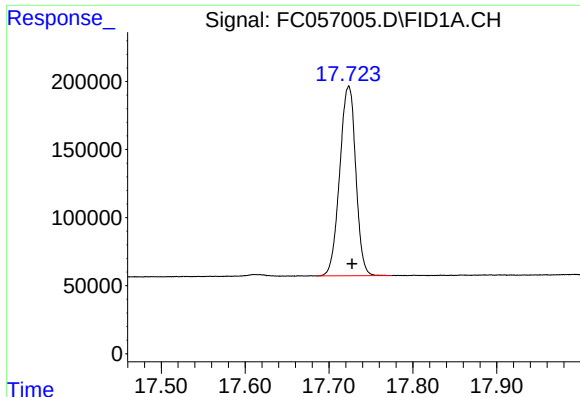
#15 n-Hexacosane (C26)

R.T.: 15.893 min
Delta R.T.: -0.005 min
Response: 1986443
Conc: 18.65 ug/ml



#16 n-Octacosane (C28)

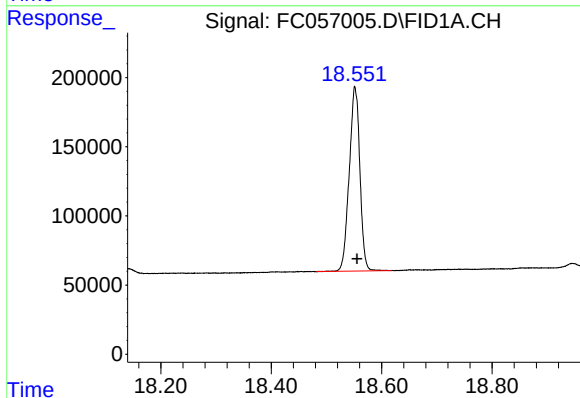
R.T.: 16.839 min
Delta R.T.: -0.003 min
Response: 1917864
Conc: 17.98 ug/ml



#17 n-Tricontane (C30)

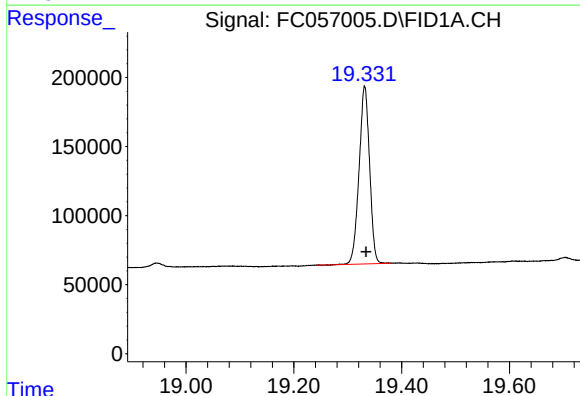
R.T.: 17.723 min
Delta R.T.: -0.004 min
Response: 1854360
Conc: 17.40 ug/ml

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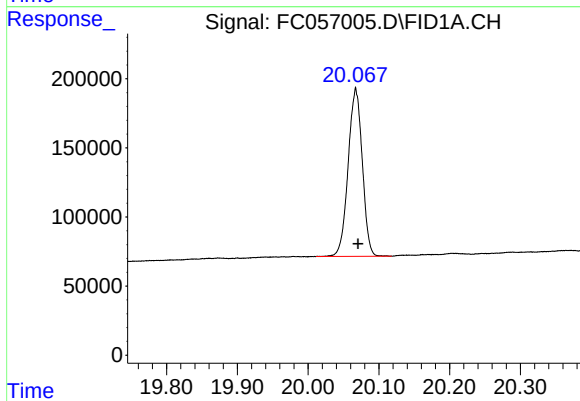
#18 n-Dotriacontane (C32)

R.T.: 18.552 min
Delta R.T.: -0.004 min
Response: 1777494
Conc: 16.85 ug/ml



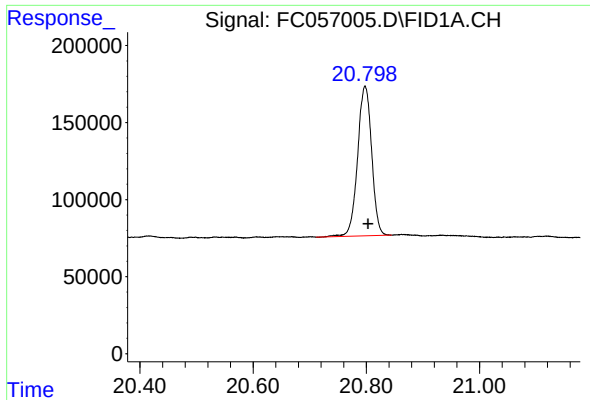
#19 n-Tetratriacontane (C34)

R.T.: 19.331 min
Delta R.T.: -0.003 min
Response: 1740102
Conc: 16.75 ug/ml



#20 n-Hexatriacontane (C36)

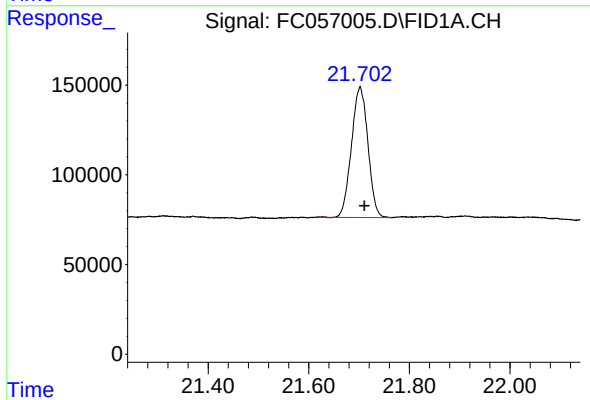
R.T.: 20.067 min
Delta R.T.: -0.003 min
Response: 1683523
Conc: 16.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.798 min
Delta R.T.: -0.005 min
Response: 1672891
Conc: 18.22 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.702 min
Delta R.T.: -0.008 min
Response: 1648206
Conc: 18.30 ug/ml