

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081621AL\
 Data File : FC055194.D
 Signal(s) : FID1A.CH
 Acq On : 16 Aug 2021 11:01
 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: autoint1.e
 Quant Time: Aug 17 01:31:21 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 02:08:31 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)	11.305	2309176	18.341 ug/ml
Spiked Amount 50.000		Recovery =	36.68%
12) S 1-chlorooctadecane (S...	12.744	1809709	18.260 ug/ml
Spiked Amount 50.000		Recovery =	36.52%
Target Compounds			
1) T n-Nonane (C9)	3.140	2092819	20.014 ug/ml
2) T n-Decane (C10)	4.190	2129091	20.218 ug/ml
3) T A~Naphthalene (C11.7)	5.756	2209680	20.336 ug/ml
4) T n-Dodecane (C12)	6.191	2194021	20.204 ug/ml
5) T A~2-methylnaphthalene...	6.806	2235317	20.481 ug/ml
6) T n-Tetradecane (C14)	7.975	2231324	19.987 ug/ml
7) T n-Hexadecane (C16)	9.567	2245885	19.692 ug/ml
8) T n-Octadecane (C18)	11.001	2268485	19.237 ug/ml
10) T n-Eicosane (C20)	12.304	2197632	18.719 ug/ml
11) T n-Heneicosane (C21)	12.913	2182498	18.484 ug/ml
13) T n-Docosane (C22)	13.496	2127485	18.215 ug/ml
14) T n-Tetracosane (C24)	14.595	2048976	17.702 ug/ml
15) T n-Hexacosane (C26)	15.611	1931483	17.234 ug/ml
16) T n-Octacosane (C28)	16.558	1858544	17.118 ug/ml
17) T n-Tricontane (C30)	17.441	1793861	17.181 ug/ml
18) T n-Dotriacontane (C32)	18.272	1742905	17.599 ug/ml
19) T n-Tetratriacontane (C34)	19.053	1757614	18.544 ug/ml
20) T n-Hexatriacontane (C36)	19.791	1766990	19.554 ug/ml
21) T n-Octatriacontane (C38)	20.493	1743353	20.177 ug/ml
22) T n-Tetracontane (C40)	21.296	1797621	20.186 ug/ml

(f)=RT Delta > 1/2 Window

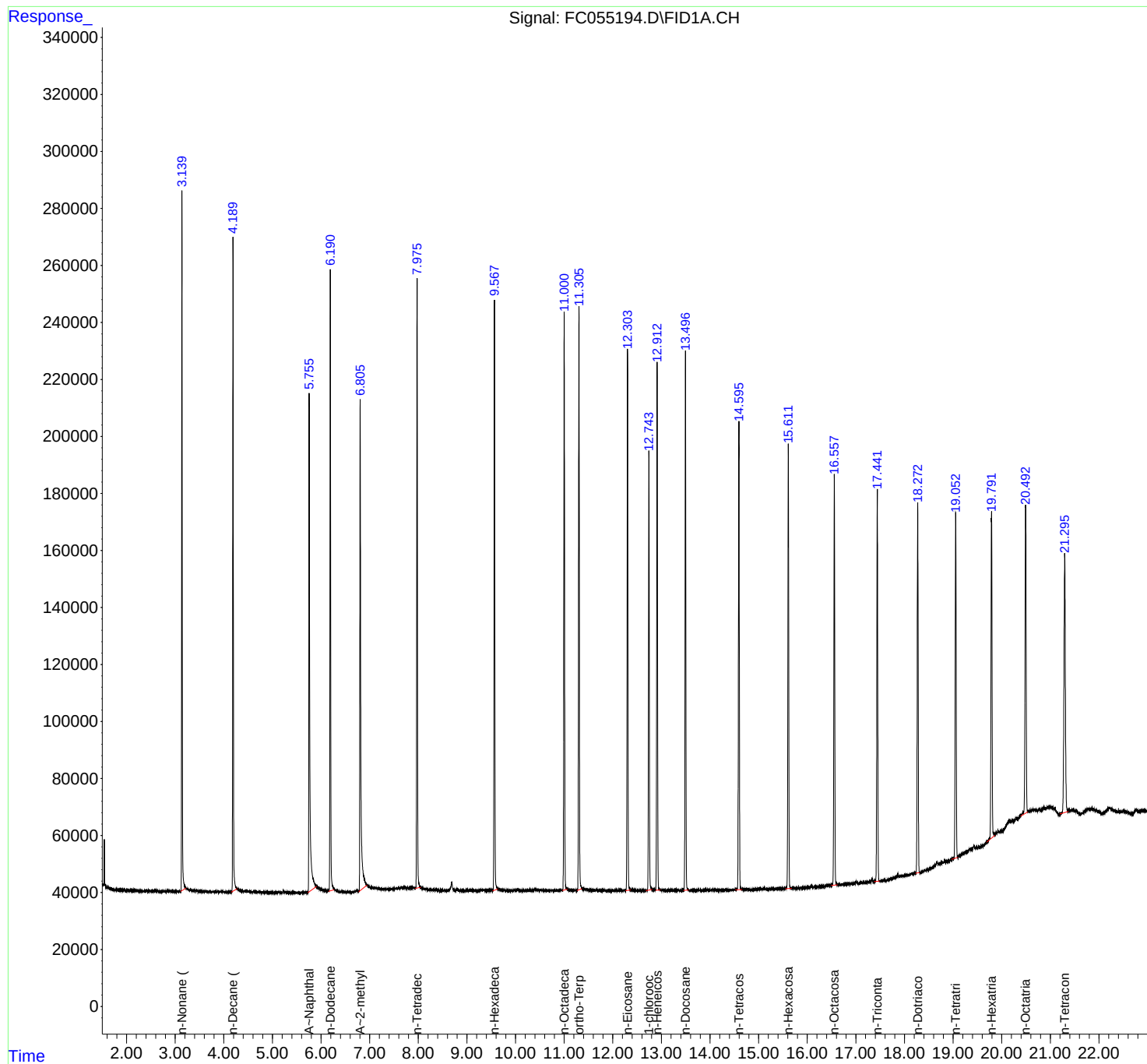
(m)=manual int.

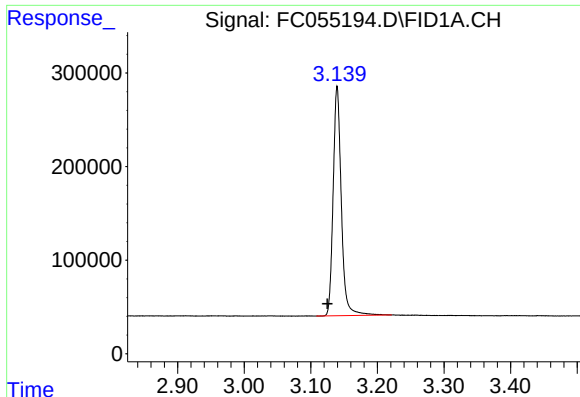
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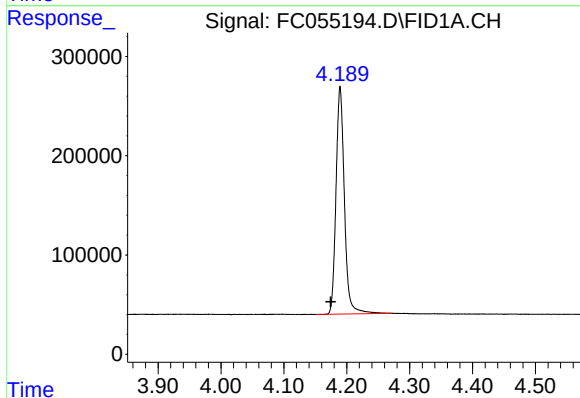




#1 n-Nonane (C9)

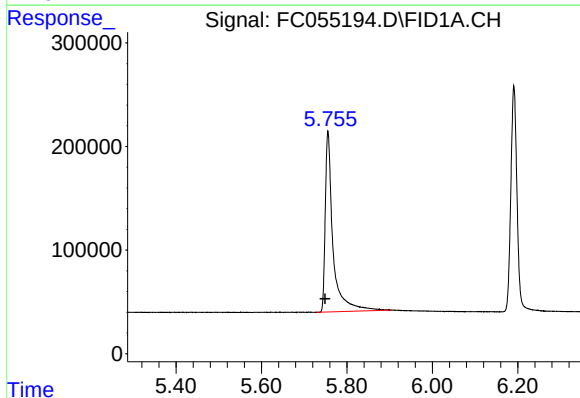
R.T.: 3.140 min
Delta R.T.: 0.015 min
Response: 2092819
Conc: 20.01 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



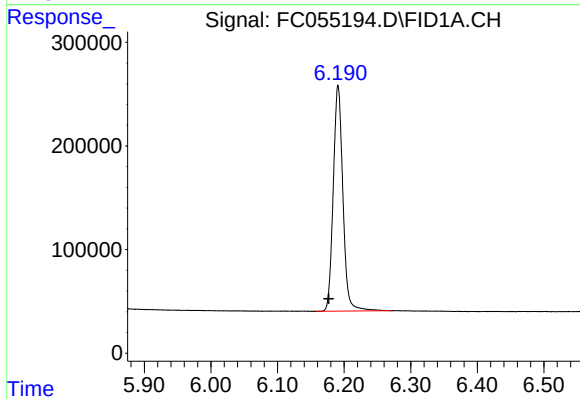
#2 n-Decane (C10)

R.T.: 4.190 min
Delta R.T.: 0.015 min
Response: 2129091
Conc: 20.22 ug/ml



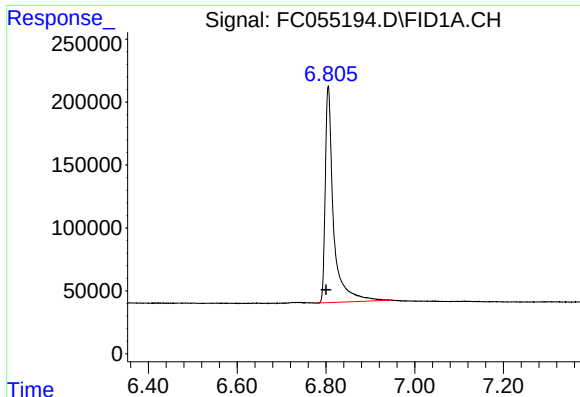
#3 A~Naphthalene (C11.7)

R.T.: 5.756 min
Delta R.T.: 0.007 min
Response: 2209680
Conc: 20.34 ug/ml



#4 n-Dodecane (C12)

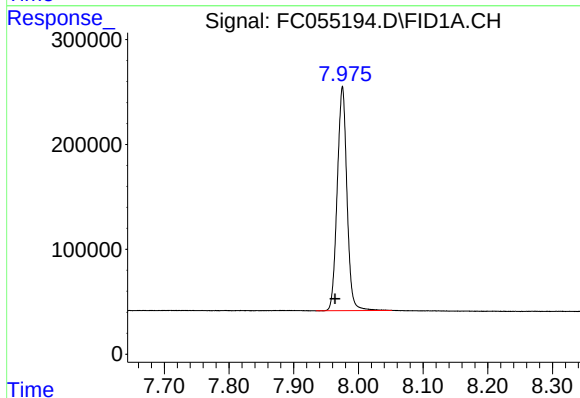
R.T.: 6.191 min
Delta R.T.: 0.014 min
Response: 2194021
Conc: 20.20 ug/ml



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

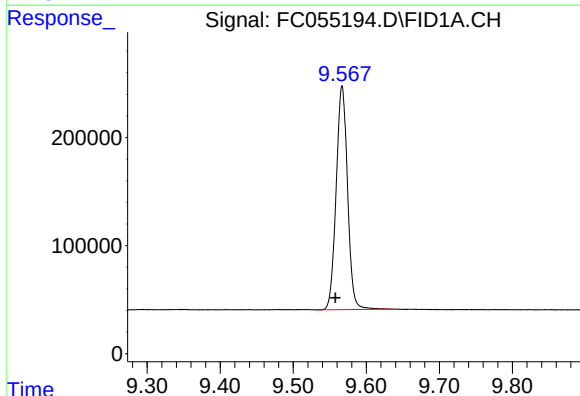
R.T.: 6.806 min
Delta R.T.: 0.005 min
Response: 2235317
Conc: 20.48 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



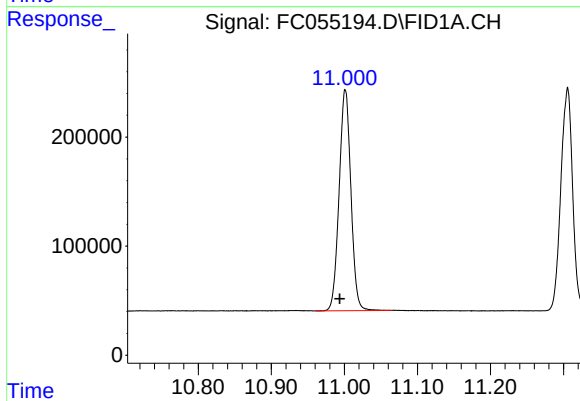
#6 n-Tetradecane (C14)

R.T.: 7.975 min
Delta R.T.: 0.011 min
Response: 2231324
Conc: 19.99 ug/ml



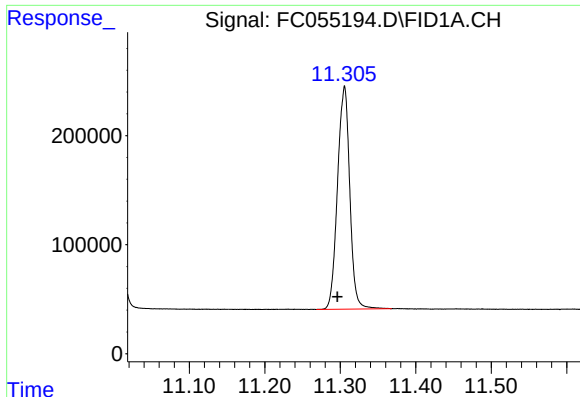
#7 n-Hexadecane (C16)

R.T.: 9.567 min
Delta R.T.: 0.009 min
Response: 2245885
Conc: 19.69 ug/ml



#8 n-Octadecane (C18)

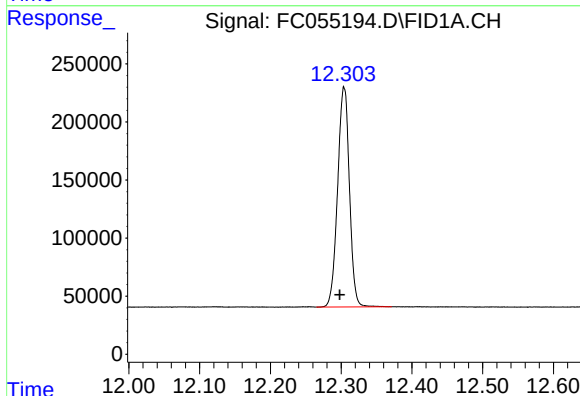
R.T.: 11.001 min
Delta R.T.: 0.008 min
Response: 2268485
Conc: 19.24 ug/ml



#9 ortho-Terphenyl (SURR)

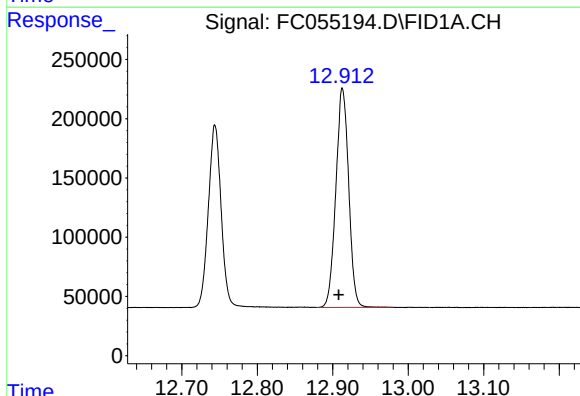
R.T.: 11.305 min
Delta R.T.: 0.009 min
Response: 2309176
Conc: 18.34 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



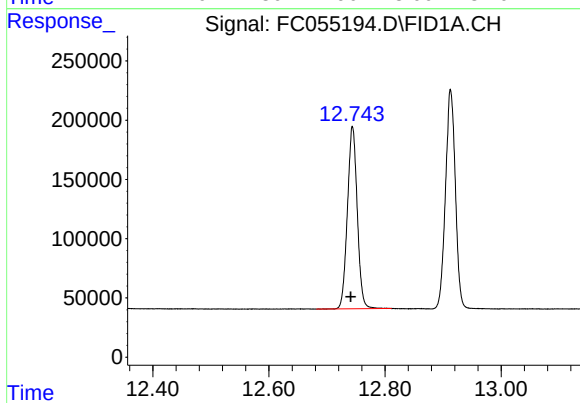
#10 n-Eicosane (C20)

R.T.: 12.304 min
Delta R.T.: 0.006 min
Response: 2197632
Conc: 18.72 ug/ml



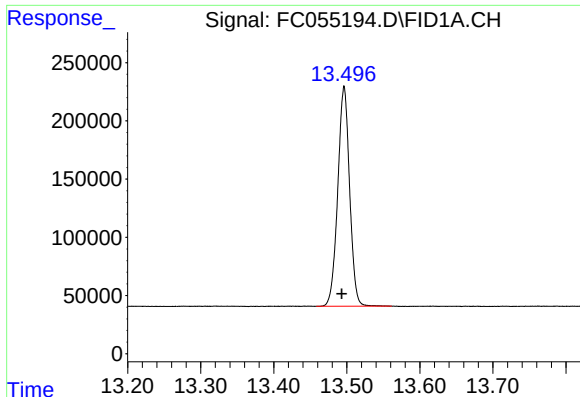
#11 n-Heneicosane (C21)

R.T.: 12.913 min
Delta R.T.: 0.005 min
Response: 2182498
Conc: 18.48 ug/ml



#12 1-chlorooctadecane (SURR)

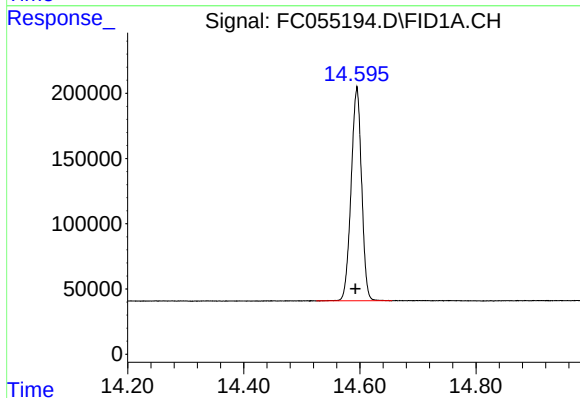
R.T.: 12.744 min
Delta R.T.: 0.003 min
Response: 1809709
Conc: 18.26 ug/ml



#13 n-Docosane (C22)

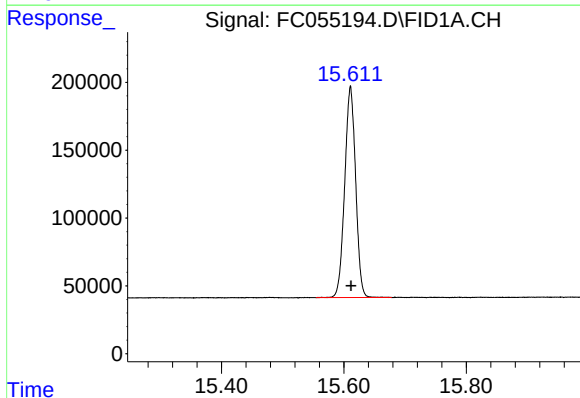
R.T.: 13.496 min
Delta R.T.: 0.003 min
Response: 2127485
Conc: 18.22 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



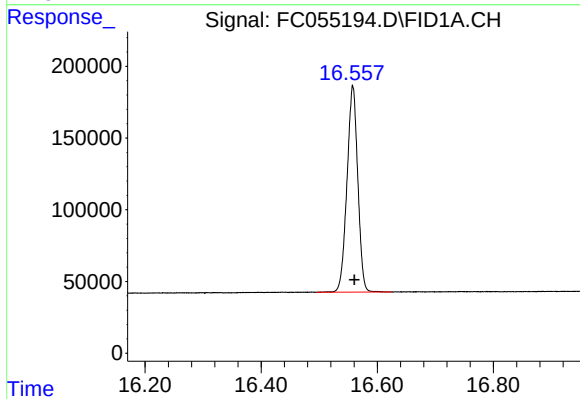
#14 n-Tetracosane (C24)

R.T.: 14.595 min
Delta R.T.: 0.002 min
Response: 2048976
Conc: 17.70 ug/ml



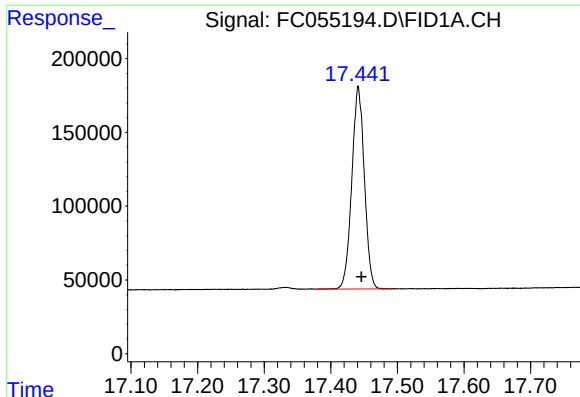
#15 n-Hexacosane (C26)

R.T.: 15.611 min
Delta R.T.: 0.000 min
Response: 1931483
Conc: 17.23 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.558 min
Delta R.T.: -0.003 min
Response: 1858544
Conc: 17.12 ug/ml



#17 n-Tricontane (C30)

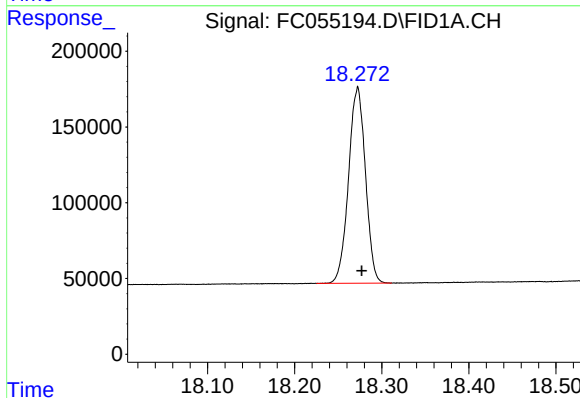
R.T.: 17.441 min

Delta R.T.: -0.005 min

Response: 1793861

Conc: 17.18 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



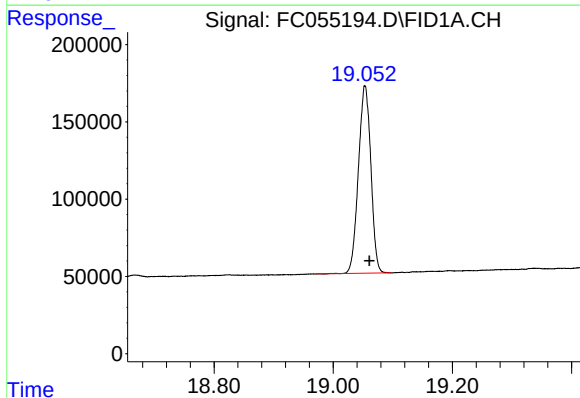
#18 n-Dotriacontane (C32)

R.T.: 18.272 min

Delta R.T.: -0.005 min

Response: 1742905

Conc: 17.60 ug/ml



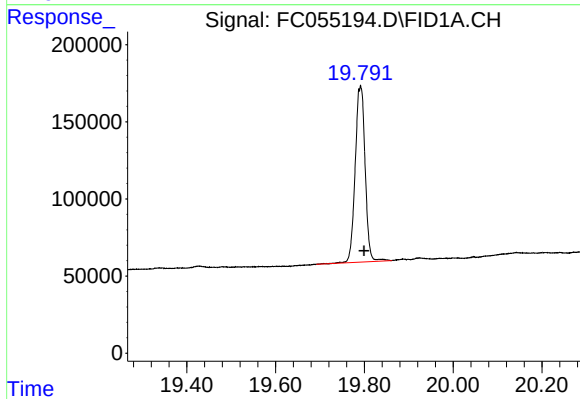
#19 n-Tetratriacontane (C34)

R.T.: 19.053 min

Delta R.T.: -0.007 min

Response: 1757614

Conc: 18.54 ug/ml



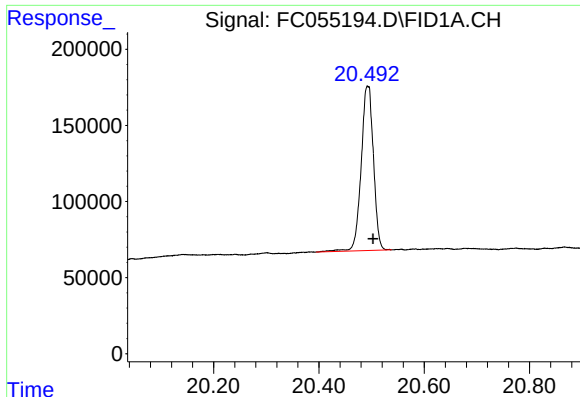
#20 n-Hexatriacontane (C36)

R.T.: 19.791 min

Delta R.T.: -0.008 min

Response: 1766990

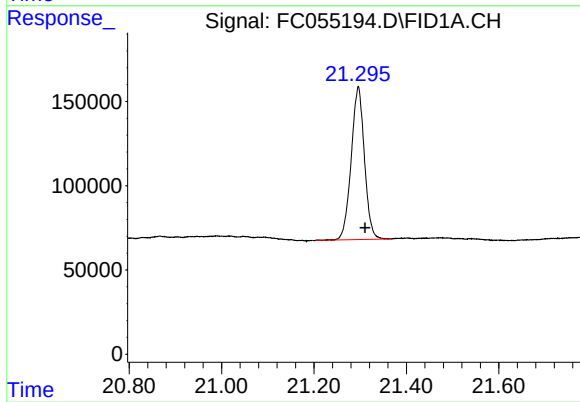
Conc: 19.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.493 min
Delta R.T.: -0.010 min
Response: 1743353
Conc: 20.18 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.296 min
Delta R.T.: -0.015 min
Response: 1797621
Conc: 20.19 ug/ml