

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102621AL\
 Data File : FC056429.D
 Signal(s) : FID1A.CH
 Acq On : 27 Oct 2021 12:45
 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: Oct 27 13:15:09 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 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)	11.620	2515649	20.317 ug/ml
Spiked Amount 50.000		Recovery =	40.63%
12) S 1-chlorooctadecane (S...	13.051	1924923	20.005 ug/ml
Spiked Amount 50.000		Recovery =	40.01%
Target Compounds			
1) T n-Nonane (C9)	3.381	2419192	22.352 ug/ml
2) T n-Decane (C10)	4.447	2444534	22.694 ug/ml
3) T A~Naphthalene (C11.7)	6.036	2752620	22.577 ug/ml
4) T n-Dodecane (C12)	6.464	2477141	22.471 ug/ml
5) T A~2-methylnaphthalene...	7.094	2752122	22.474 ug/ml
6) T n-Tetradecane (C14)	8.259	2477489	22.068 ug/ml
7) T n-Hexadecane (C16)	9.859	2452837	21.575 ug/ml
8) T n-Octadecane (C18)	11.300	2467885	21.119 ug/ml
10) T n-Eicosane (C20)	12.607	2341854	20.377 ug/ml
11) T n-Heneicosane (C21)	13.217	2312962	20.126 ug/ml
13) T n-Docosane (C22)	13.801	2251391	19.997 ug/ml
14) T n-Tetracosane (C24)	14.901	2156862	19.572 ug/ml
15) T n-Hexacosane (C26)	15.919	2022701	19.164 ug/ml
16) T n-Octacosane (C28)	16.865	1955993	18.857 ug/ml
17) T n-Tricontane (C30)	17.749	1905902	18.395 ug/ml
18) T n-Dotriacontane (C32)	18.578	1873540	19.555 ug/ml
19) T n-Tetratriacontane (C34)	19.357	1877956	21.411 ug/ml
20) T n-Hexatriacontane (C36)	20.093	1849704	22.598 ug/ml
21) T n-Octatriacontane (C38)	20.827	1832894	22.918 ug/ml
22) T n-Tetracontane (C40)	21.743	1868390	22.677 ug/ml

(f)=RT Delta > 1/2 Window

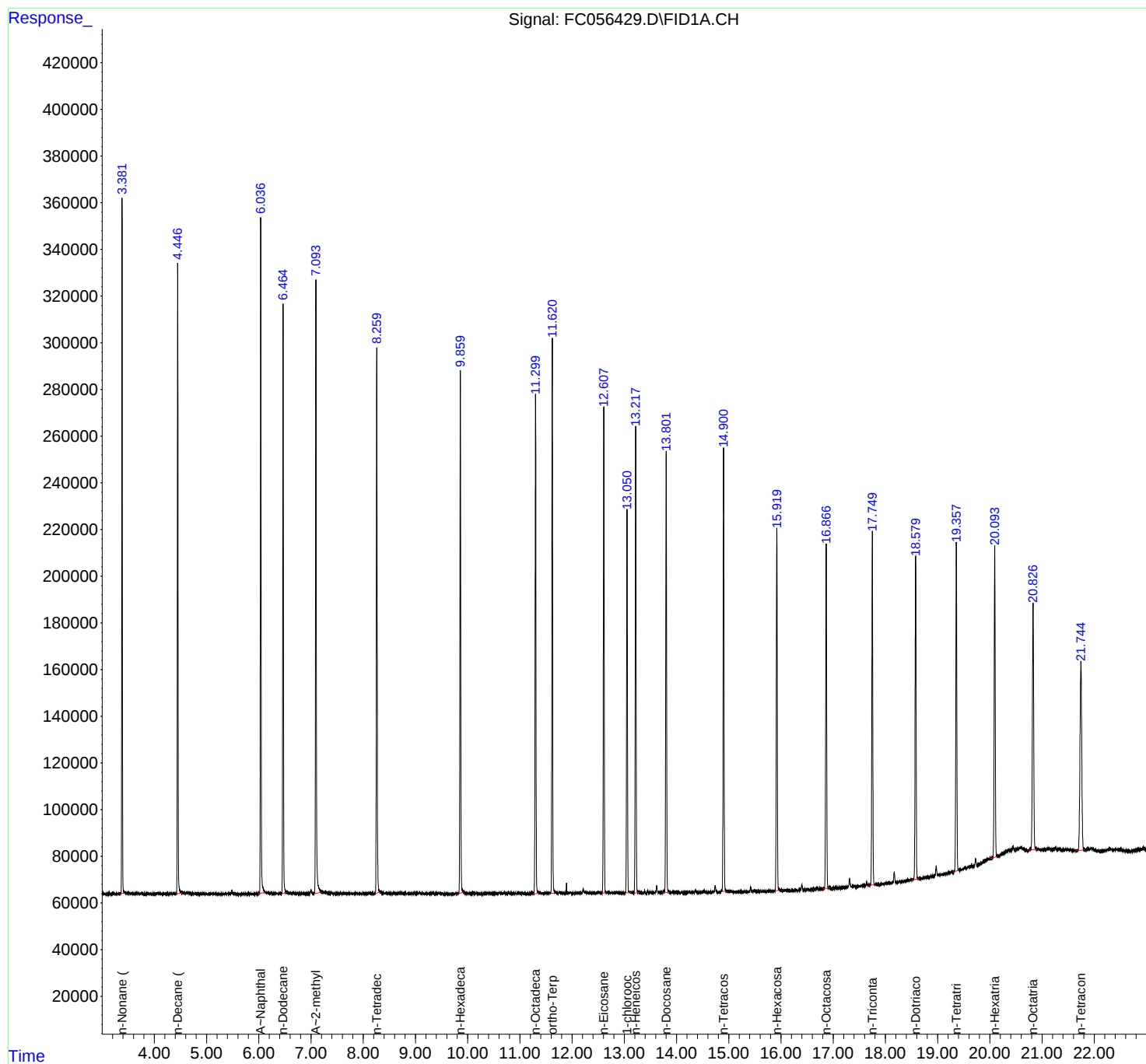
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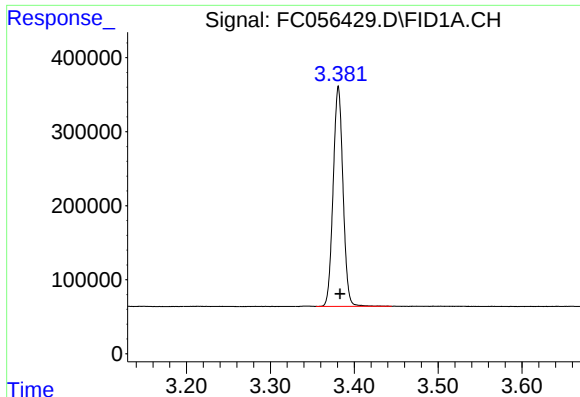
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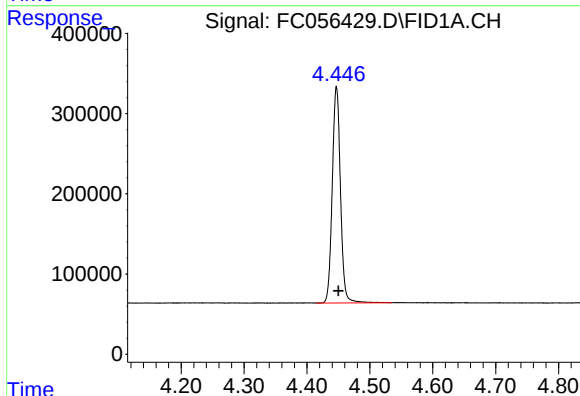




#1 n-Nonane (C9)

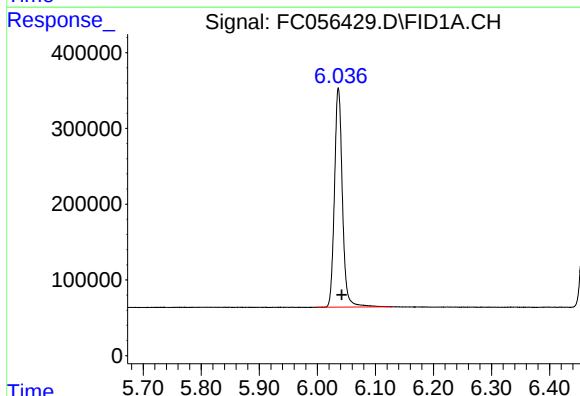
R.T.: 3.381 min
Delta R.T.: -0.002 min
Response: 2419192
Conc: 22.35 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



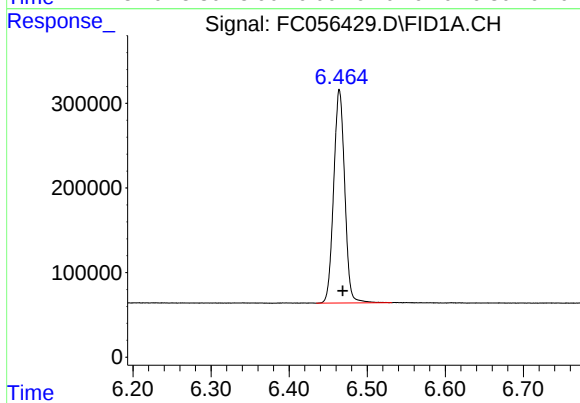
#2 n-Decane (C10)

R.T.: 4.447 min
Delta R.T.: -0.003 min
Response: 2444534
Conc: 22.69 ug/ml



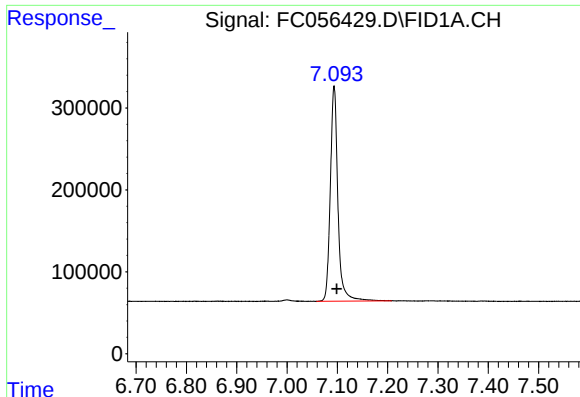
#3 A~Naphthalene (C11.7)

R.T.: 6.036 min
Delta R.T.: -0.006 min
Response: 2752620
Conc: 22.58 ug/ml



#4 n-Dodecane (C12)

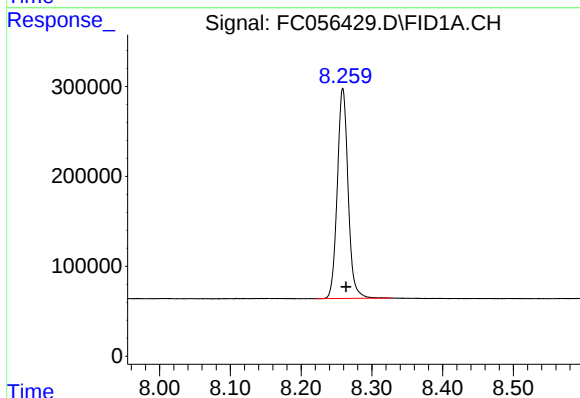
R.T.: 6.464 min
Delta R.T.: -0.004 min
Response: 2477141
Conc: 22.47 ug/ml



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

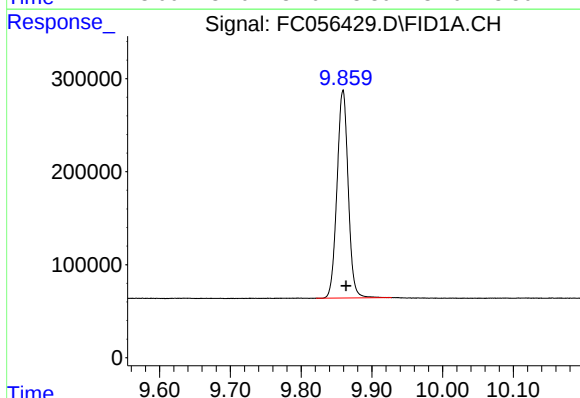
R.T.: 7.094 min
Delta R.T.: -0.005 min
Response: 2752122
Conc: 22.47 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



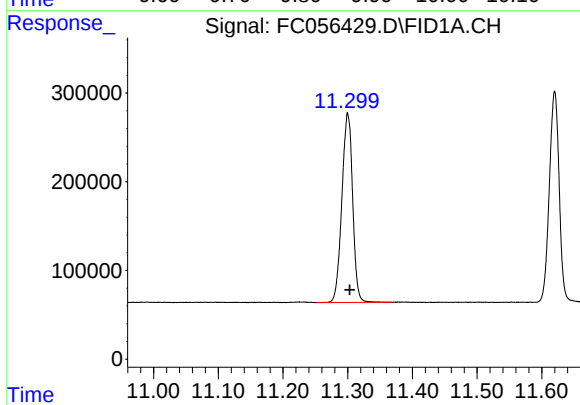
#6 n-Tetradecane (C14)

R.T.: 8.259 min
Delta R.T.: -0.005 min
Response: 2477489
Conc: 22.07 ug/ml



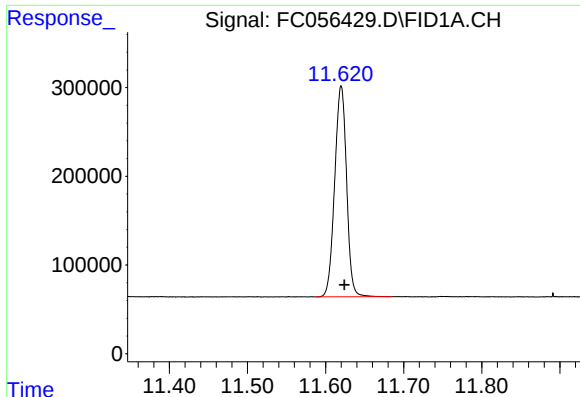
#7 n-Hexadecane (C16)

R.T.: 9.859 min
Delta R.T.: -0.005 min
Response: 2452837
Conc: 21.57 ug/ml



#8 n-Octadecane (C18)

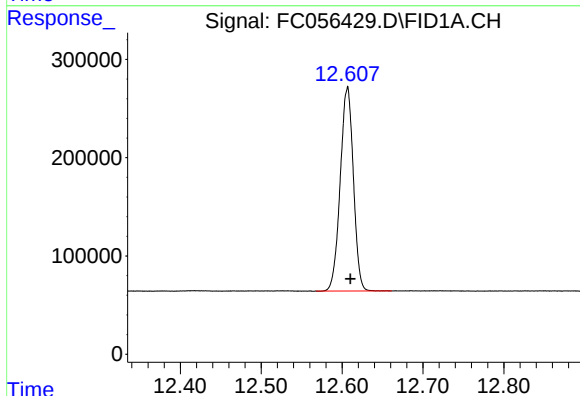
R.T.: 11.300 min
Delta R.T.: -0.003 min
Response: 2467885
Conc: 21.12 ug/ml



#9 ortho-Terphenyl (SURR)

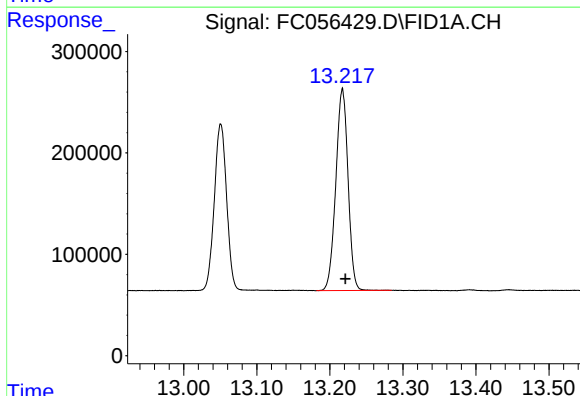
R.T.: 11.620 min
Delta R.T.: -0.004 min
Response: 2515649
Conc: 20.32 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



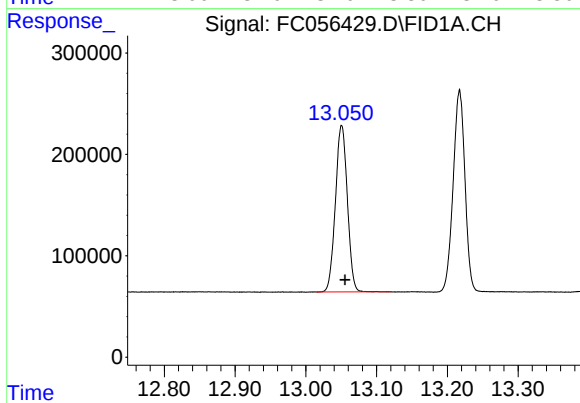
#10 n-Eicosane (C20)

R.T.: 12.607 min
Delta R.T.: -0.004 min
Response: 2341854
Conc: 20.38 ug/ml



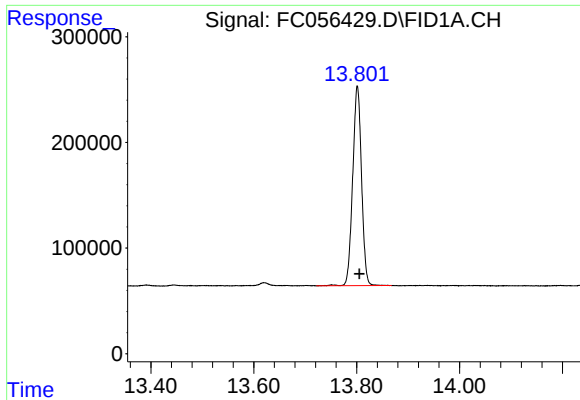
#11 n-Heneicosane (C21)

R.T.: 13.217 min
Delta R.T.: -0.004 min
Response: 2312962
Conc: 20.13 ug/ml



#12 1-chlorooctadecane (SURR)

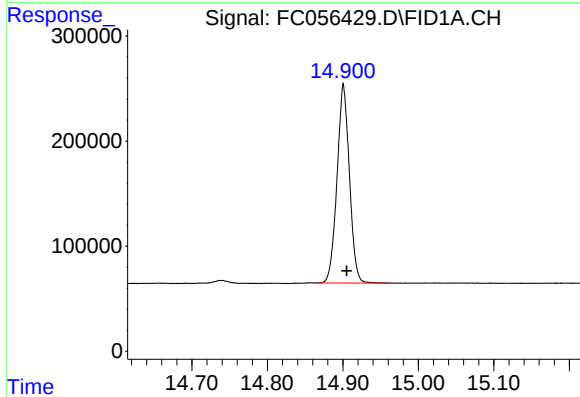
R.T.: 13.051 min
Delta R.T.: -0.005 min
Response: 1924923
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

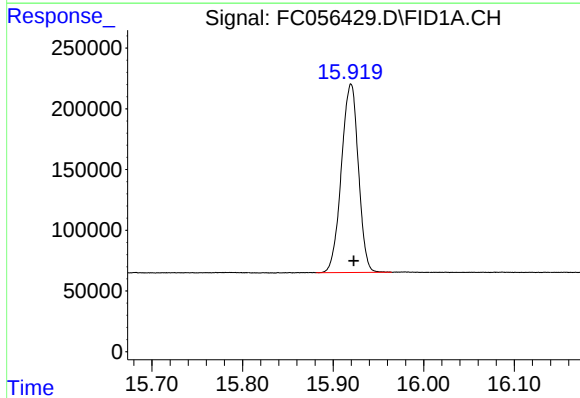
R.T.: 13.801 min
Delta R.T.: -0.004 min
Response: 2251391
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



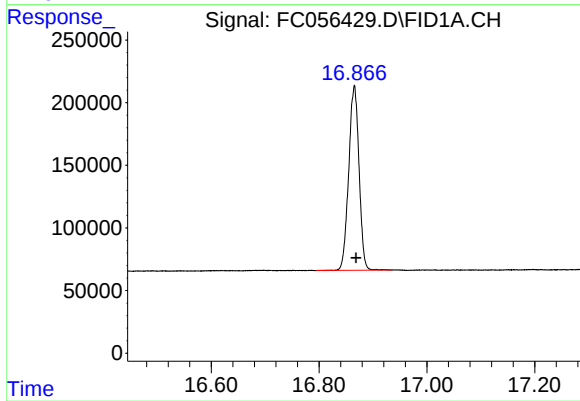
#14 n-Tetracosane (C24)

R.T.: 14.901 min
Delta R.T.: -0.004 min
Response: 2156862
Conc: 19.57 ug/ml



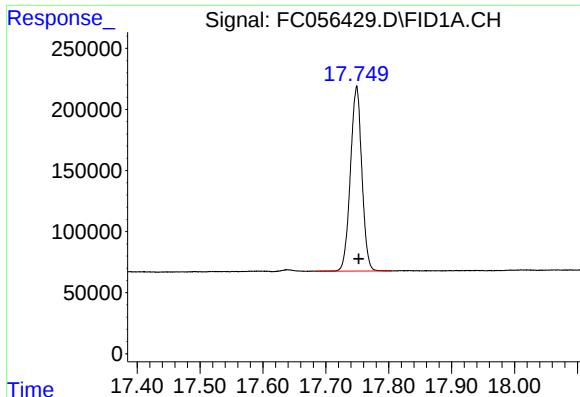
#15 n-Hexacosane (C26)

R.T.: 15.919 min
Delta R.T.: -0.003 min
Response: 2022701
Conc: 19.16 ug/ml



#16 n-Octacosane (C28)

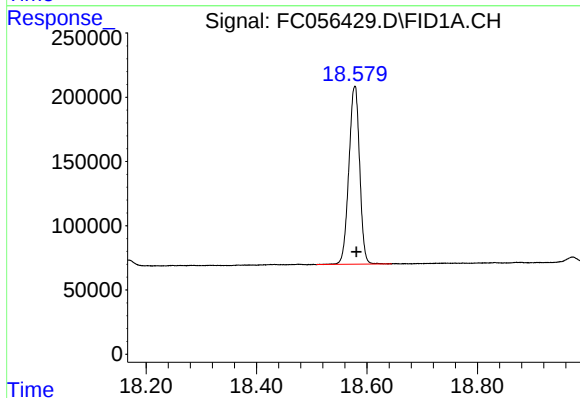
R.T.: 16.865 min
Delta R.T.: -0.004 min
Response: 1955993
Conc: 18.86 ug/ml



#17 n-Tricontane (C30)

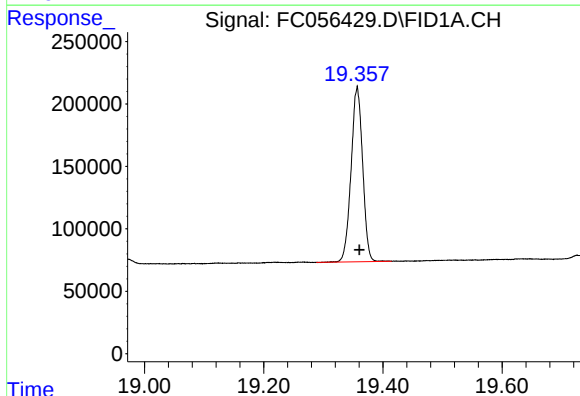
R.T.: 17.749 min
Delta R.T.: -0.003 min
Response: 1905902
Conc: 18.40 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



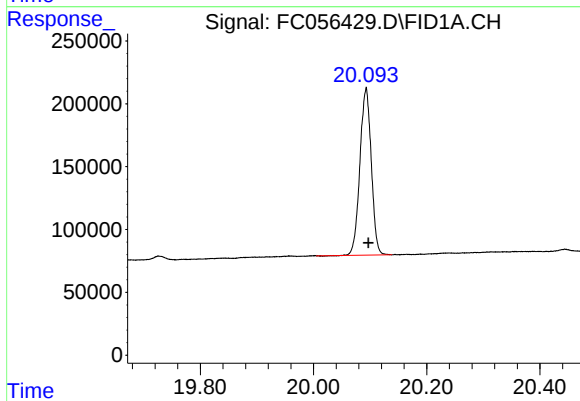
#18 n-Dotriacontane (C32)

R.T.: 18.578 min
Delta R.T.: -0.003 min
Response: 1873540
Conc: 19.56 ug/ml



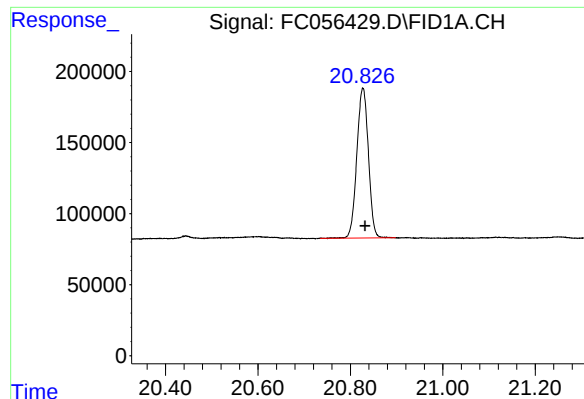
#19 n-Tetratriacontane (C34)

R.T.: 19.357 min
Delta R.T.: -0.004 min
Response: 1877956
Conc: 21.41 ug/ml



#20 n-Hexatriacontane (C36)

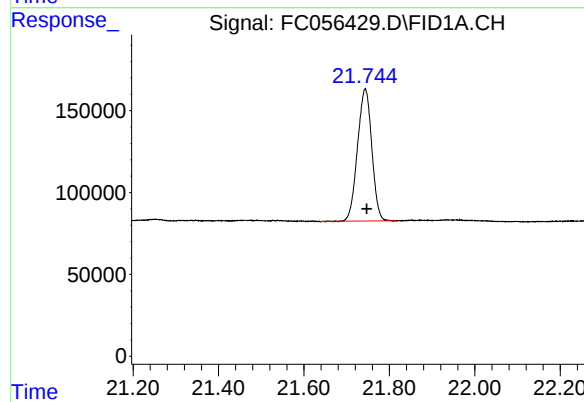
R.T.: 20.093 min
Delta R.T.: -0.004 min
Response: 1849704
Conc: 22.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.827 min
Delta R.T.: -0.005 min
Response: 1832894
Conc: 22.92 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.743 min
Delta R.T.: -0.003 min
Response: 1868390
Conc: 22.68 ug/ml