

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050421AL\
 Data File : FC053490.D
 Signal(s) : FID1A.CH
 Acq On : 04 May 2021 10:50
 Operator : DD\AJ
 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: May 04 13:51:24 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)	11.535	2803877	20.252 ug/ml
Spiked Amount 50.000		Recovery =	40.50%
12) S 1-chlorooctadecane (S...	12.977	2256499	20.231 ug/ml
Spiked Amount 50.000		Recovery =	40.46%
Target Compounds			
1) T n-Nonane (C9)	3.295	2391526	20.248 ug/ml
2) T n-Decane (C10)	4.360	2404266	20.304 ug/ml
3) T A~Naphthalene (C11.7)	5.943	2664144	20.446 ug/ml
4) T n-Dodecane (C12)	6.378	2465161	20.373 ug/ml
5) T A~2-methylnaphthalene...	7.001	2710717	20.503 ug/ml
6) T n-Tetradecane (C14)	8.176	2482876	20.382 ug/ml
7) T n-Hexadecane (C16)	9.778	2490403	20.334 ug/ml
8) T n-Octadecane (C18)	11.222	2641009	20.279 ug/ml
10) T n-Eicosane (C20)	12.533	2679707	20.245 ug/ml
11) T n-Heneicosane (C21)	13.146	2694120	20.285 ug/ml
13) T n-Docosane (C22)	13.733	2691393	20.234 ug/ml
14) T n-Tetracosane (C24)	14.837	2701162	20.236 ug/ml
15) T n-Hexacosane (C26)	15.859	2670324	20.197 ug/ml
16) T n-Octacosane (C28)	16.811	2652778	20.265 ug/ml
17) T n-Tricontane (C30)	17.699	2627940	20.148 ug/ml
18) T n-Dotriacontane (C32)	18.533	2550433	20.213 ug/ml
19) T n-Tetratriacontane (C34)	19.317	2463779	20.221 ug/ml
20) T n-Hexatriacontane (C36)	20.057	2304799	19.713 ug/ml
21) T n-Octatriacontane (C38)	20.789	2096352	20.378 ug/ml
22) T n-Tetracontane (C40)	21.688	2037413	20.447 ug/ml

(f)=RT Delta > 1/2 Window

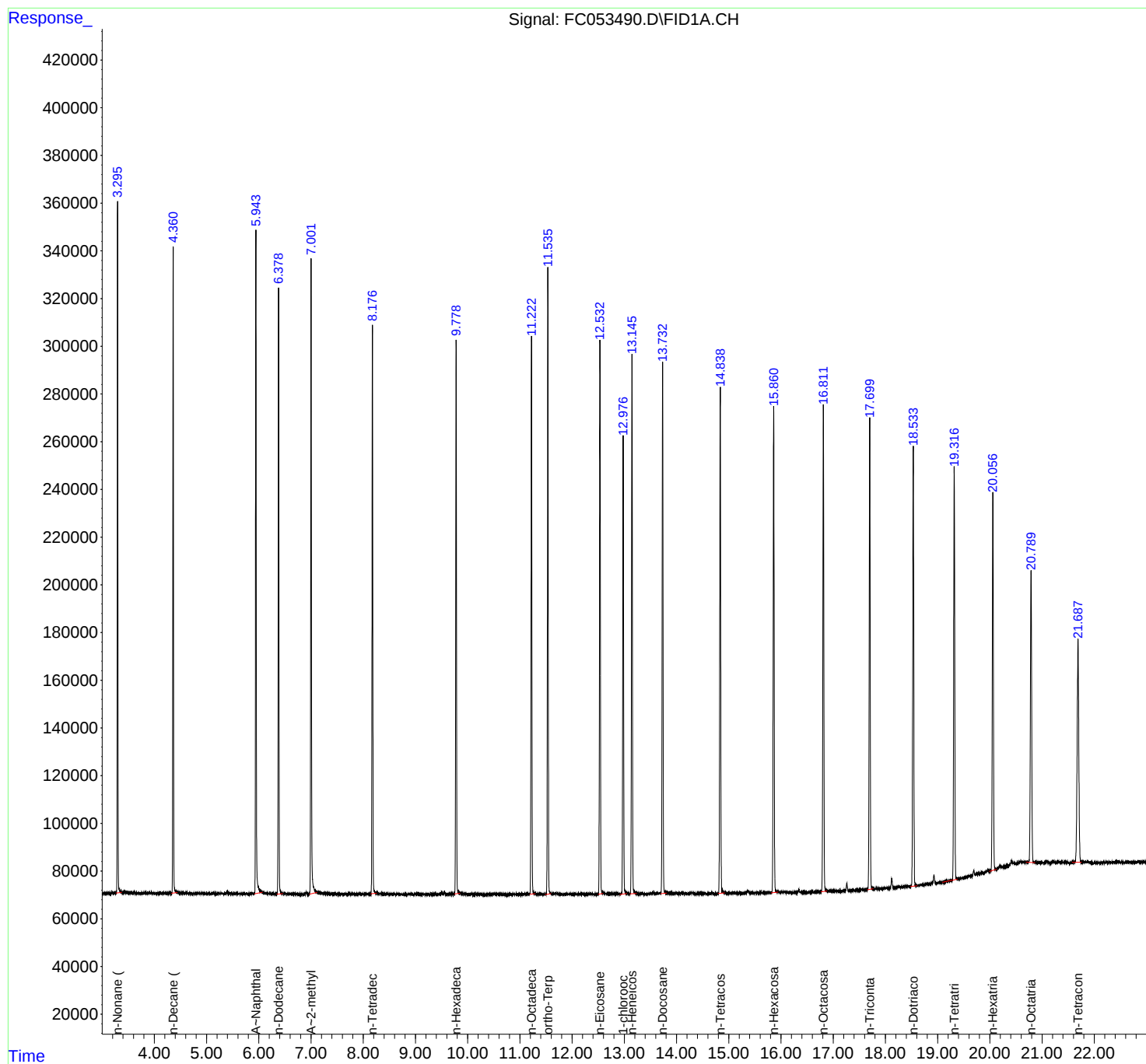
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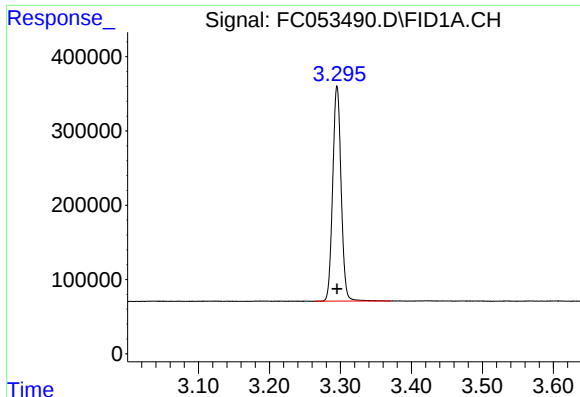
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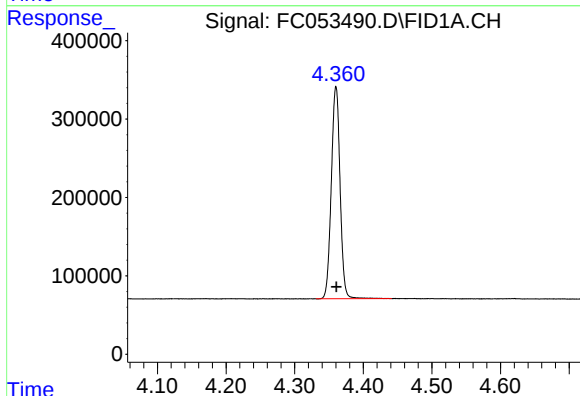




#1 n-Nonane (C9)

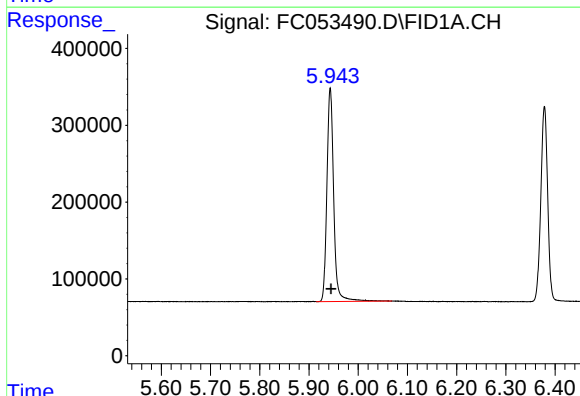
R.T.: 3.295 min
Delta R.T.: 0.000 min
Response: 2391526
Conc: 20.25 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



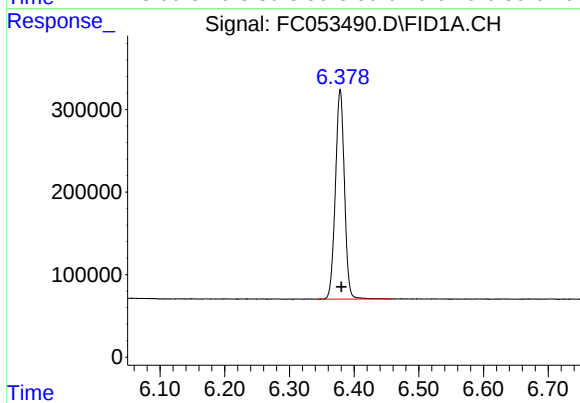
#2 n-Decane (C10)

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 2404266
Conc: 20.30 ug/ml



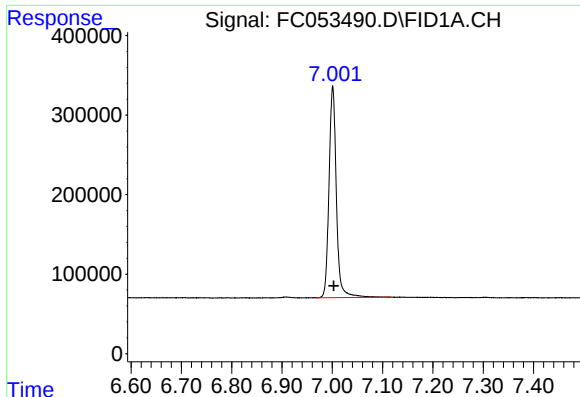
#3 A~Naphthalene (C11.7)

R.T.: 5.943 min
Delta R.T.: -0.001 min
Response: 2664144
Conc: 20.45 ug/ml



#4 n-Dodecane (C12)

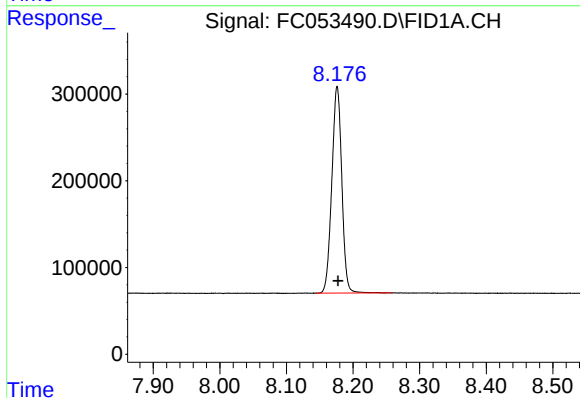
R.T.: 6.378 min
Delta R.T.: -0.002 min
Response: 2465161
Conc: 20.37 ug/ml



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

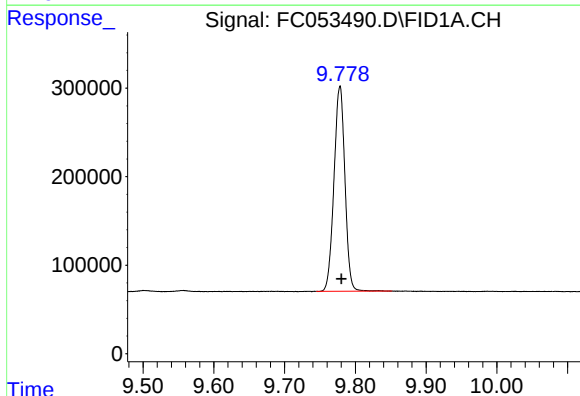
R.T.: 7.001 min
Delta R.T.: -0.002 min
Response: 2710717
Conc: 20.50 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



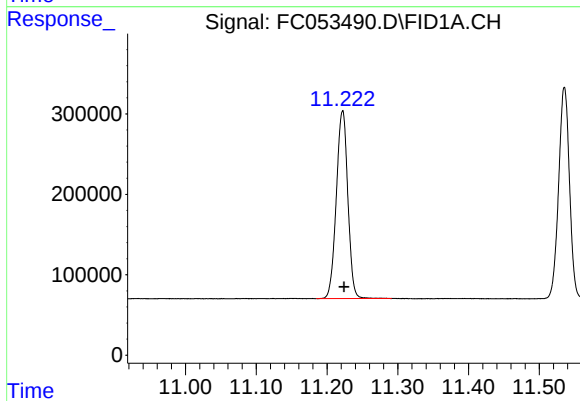
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: -0.002 min
Response: 2482876
Conc: 20.38 ug/ml



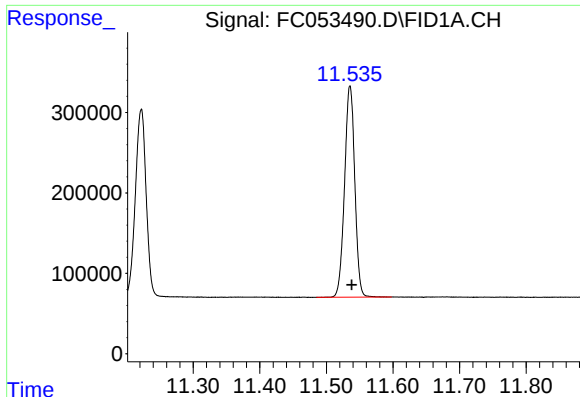
#7 n-Hexadecane (C16)

R.T.: 9.778 min
Delta R.T.: -0.002 min
Response: 2490403
Conc: 20.33 ug/ml



#8 n-Octadecane (C18)

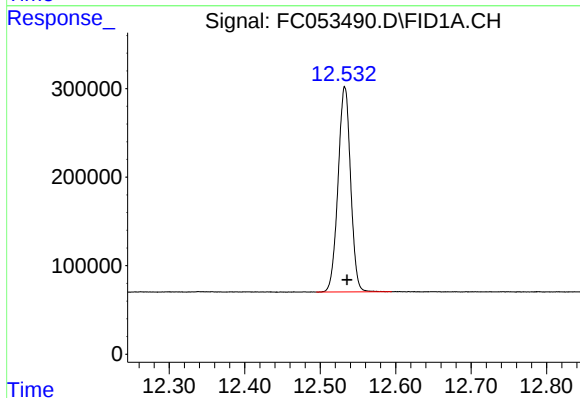
R.T.: 11.222 min
Delta R.T.: -0.002 min
Response: 2641009
Conc: 20.28 ug/ml



#9 ortho-Terphenyl (SURR)

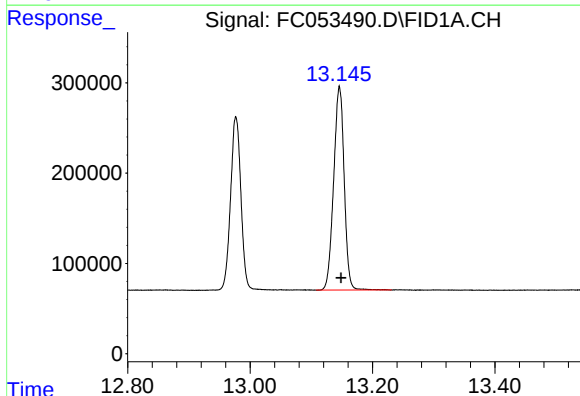
R.T.: 11.535 min
Delta R.T.: -0.003 min
Response: 2803877
Conc: 20.25 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



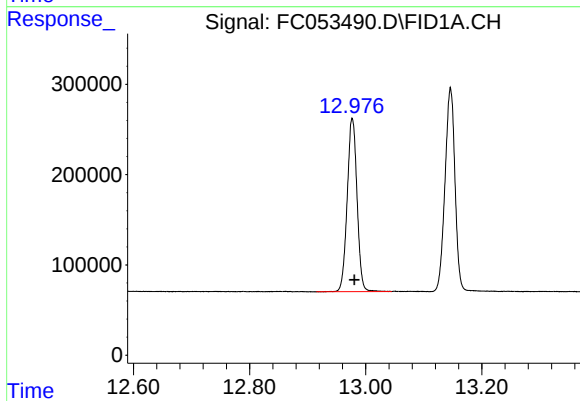
#10 n-Eicosane (C20)

R.T.: 12.533 min
Delta R.T.: -0.003 min
Response: 2679707
Conc: 20.25 ug/ml



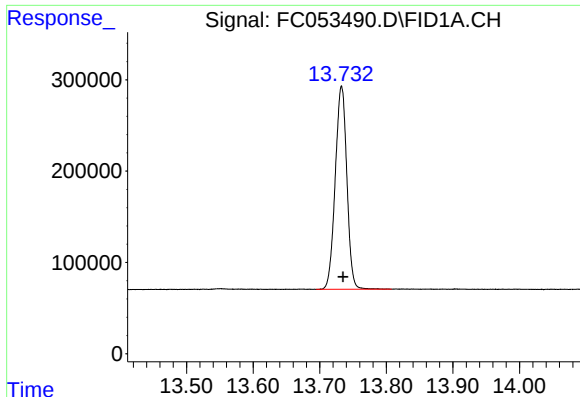
#11 n-Heneicosane (C21)

R.T.: 13.146 min
Delta R.T.: -0.002 min
Response: 2694120
Conc: 20.29 ug/ml



#12 1-chlorooctadecane (SURR)

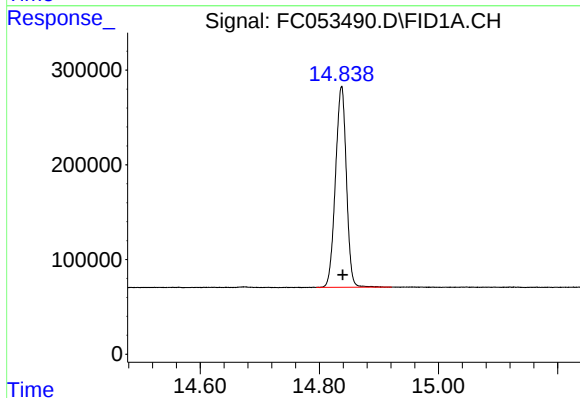
R.T.: 12.977 min
Delta R.T.: -0.003 min
Response: 2256499
Conc: 20.23 ug/ml



#13 n-Docosane (C22)

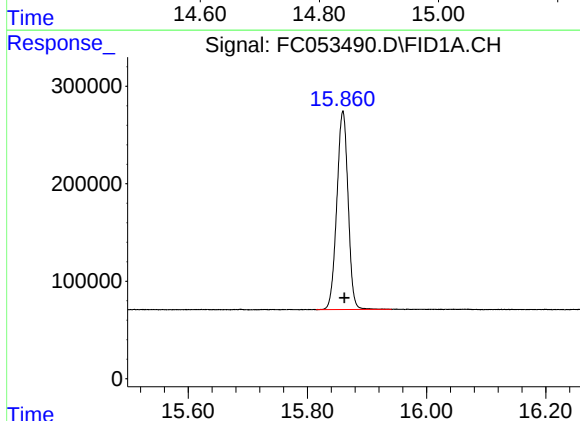
R.T.: 13.733 min
Delta R.T.: -0.002 min
Response: 2691393
Conc: 20.23 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



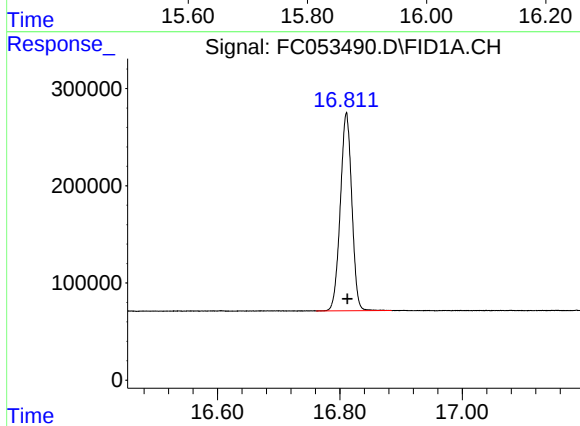
#14 n-Tetracosane (C24)

R.T.: 14.837 min
Delta R.T.: -0.002 min
Response: 2701162
Conc: 20.24 ug/ml



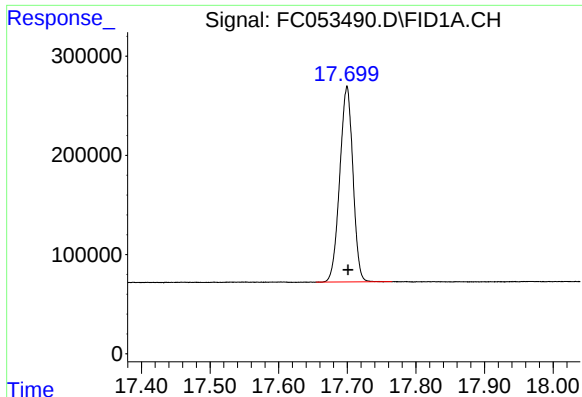
#15 n-Hexacosane (C26)

R.T.: 15.859 min
Delta R.T.: -0.002 min
Response: 2670324
Conc: 20.20 ug/ml



#16 n-Octacosane (C28)

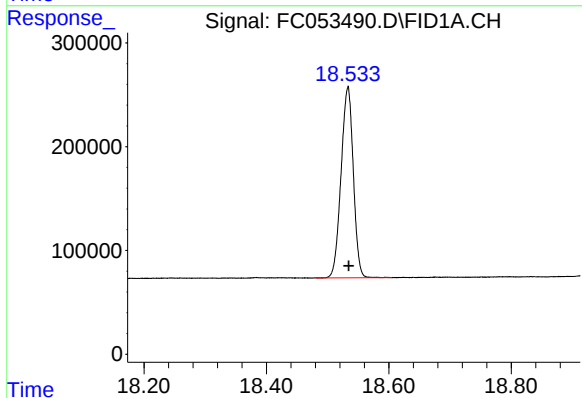
R.T.: 16.811 min
Delta R.T.: -0.002 min
Response: 2652778
Conc: 20.26 ug/ml



#17 n-Tricontane (C30)

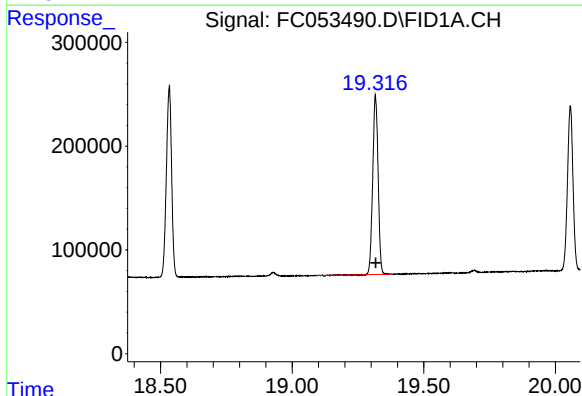
R.T.: 17.699 min
Delta R.T.: -0.002 min
Response: 2627940
Conc: 20.15 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



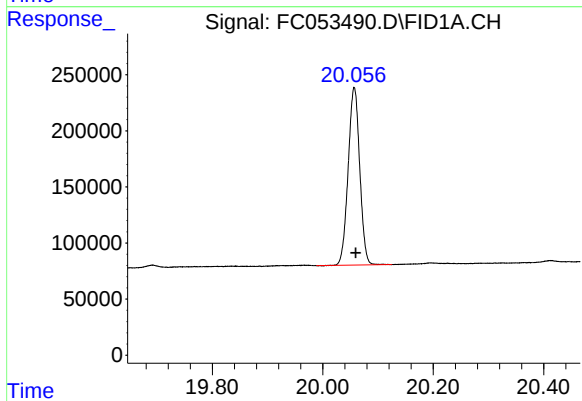
#18 n-Dotriacontane (C32)

R.T.: 18.533 min
Delta R.T.: -0.002 min
Response: 2550433
Conc: 20.21 ug/ml



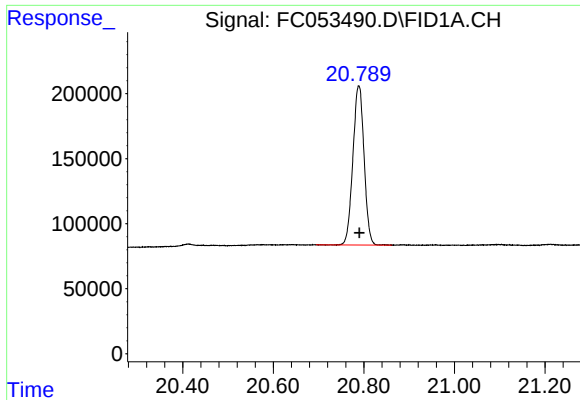
#19 n-Tetratriacontane (C34)

R.T.: 19.317 min
Delta R.T.: -0.002 min
Response: 2463779
Conc: 20.22 ug/ml



#20 n-Hexatriacontane (C36)

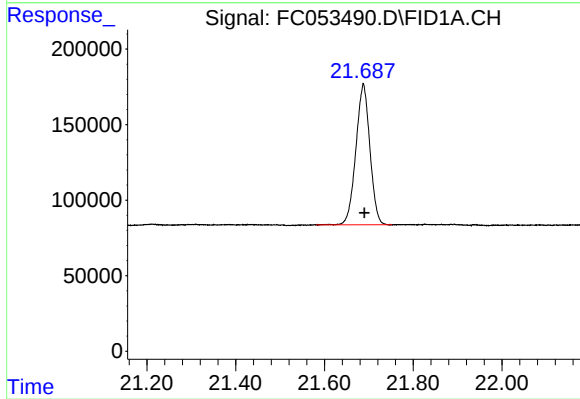
R.T.: 20.057 min
Delta R.T.: -0.003 min
Response: 2304799
Conc: 19.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.789 min
Delta R.T.: -0.001 min
Response: 2096352
Conc: 20.38 ug/ml

Instrument :
FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.688 min
Delta R.T.: -0.003 min
Response: 2037413
Conc: 20.45 ug/ml