

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022422AL\
 Data File : FC058453.D
 Signal(s) : FID1A.CH
 Acq On : 24 Feb 2022 10:46
 Operator : UA/NP
 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: Feb 25 00:06:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 2022
 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)	11.386	2972120	20.405 ug/ml
Spiked Amount 50.000		Recovery =	40.81%
12) S 1-chlorooctadecane (S...	12.819	2307394	20.356 ug/ml
Spiked Amount 50.000		Recovery =	40.71%
Target Compounds			
1) T n-Nonane (C9)	3.242	2427162	20.184 ug/ml
2) T n-Decane (C10)	4.292	2398884	20.159 ug/ml
3) T A~Naphthalene (C11.7)	5.851	2641169	20.351 ug/ml
4) T n-Dodecane (C12)	6.286	2520307	20.487 ug/ml
5) T A~2-methylnaphthalene...	6.896	2670573	20.484 ug/ml
6) T n-Tetradecane (C14)	8.065	2554655	20.387 ug/ml
7) T n-Hexadecane (C16)	9.651	2629306	20.417 ug/ml
8) T n-Octadecane (C18)	11.081	2687113	20.420 ug/ml
10) T n-Eicosane (C20)	12.380	2666322	20.277 ug/ml
11) T n-Heneicosane (C21)	12.987	2668216	20.189 ug/ml
13) T n-Docosane (C22)	13.570	2662312	20.421 ug/ml
14) T n-Tetracosane (C24)	14.665	2628247	20.353 ug/ml
15) T n-Hexacosane (C26)	15.680	2530456	20.456 ug/ml
16) T n-Octacosane (C28)	16.625	2462755	20.690 ug/ml
17) T n-Tricontane (C30)	17.507	2350438	20.881 ug/ml
18) T n-Dotriacontane (C32)	18.335	2184518	20.315 ug/ml
19) T n-Tetratriacontane (C34)	19.115	1985456	20.492 ug/ml
20) T n-Hexatriacontane (C36)	19.852	1844157	20.441 ug/ml
21) T n-Octatriacontane (C38)	20.556	1771403	20.356 ug/ml
22) T n-Tetracontane (C40)	21.378	1762407	21.002 ug/ml

(f)=RT Delta > 1/2 Window

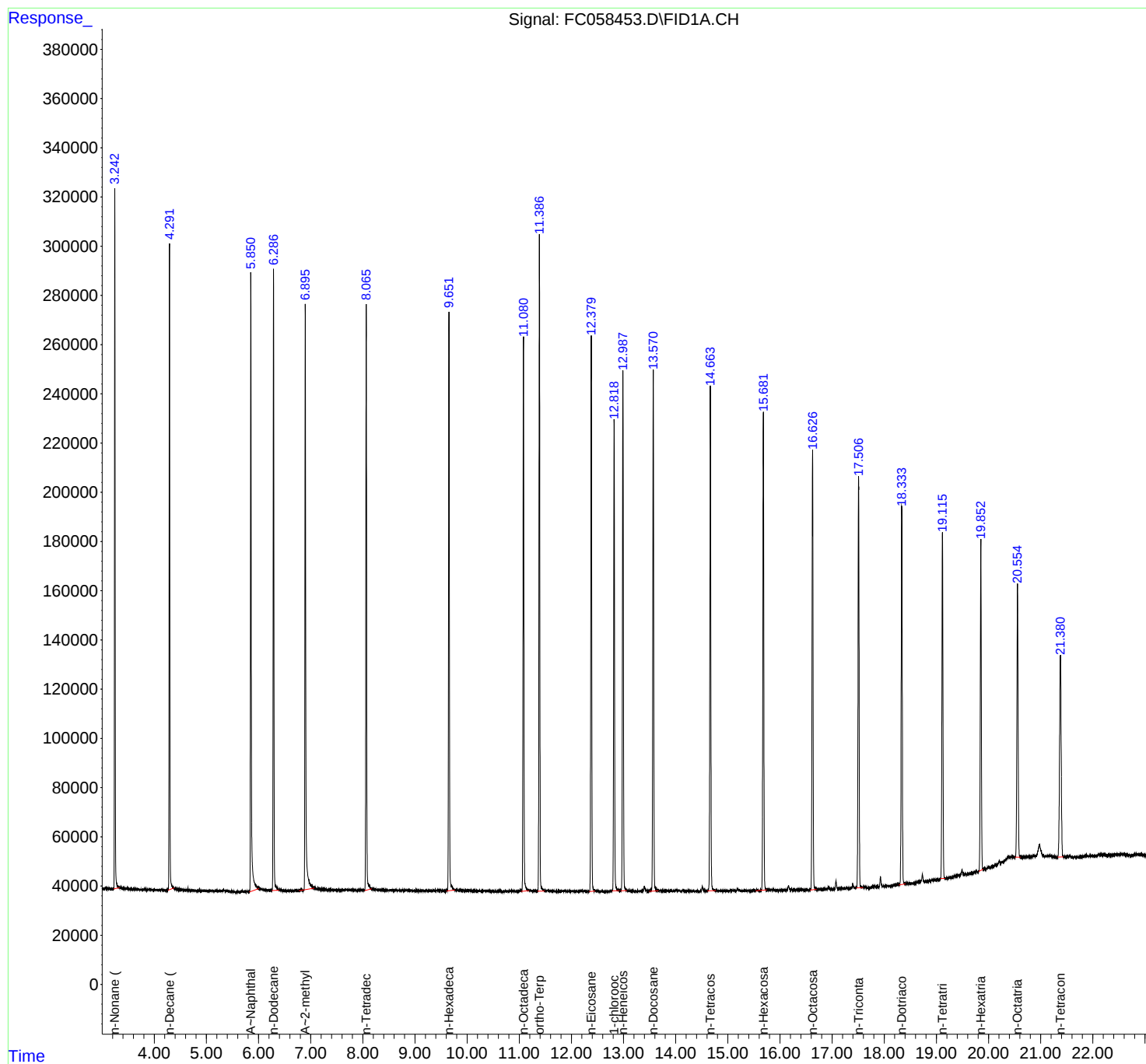
(m)=manual int.

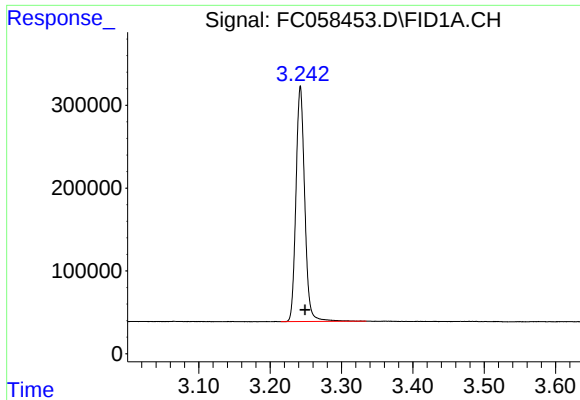
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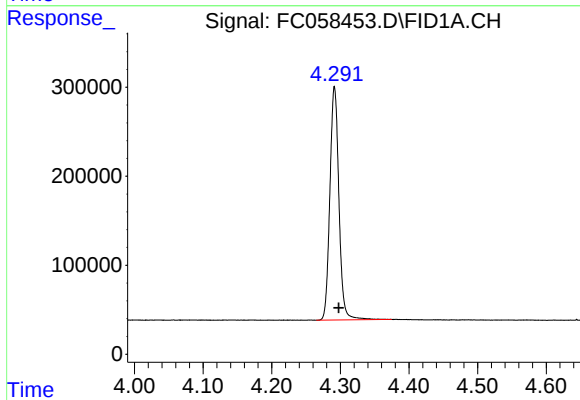




#1 n-Nonane (C9)

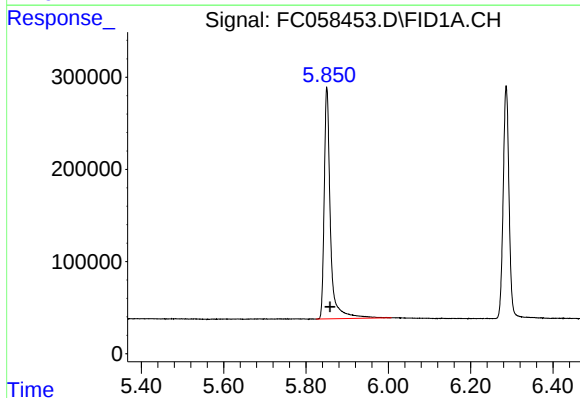
R.T.: 3.242 min
Delta R.T.: -0.007 min
Response: 2427162
Conc: 20.18 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



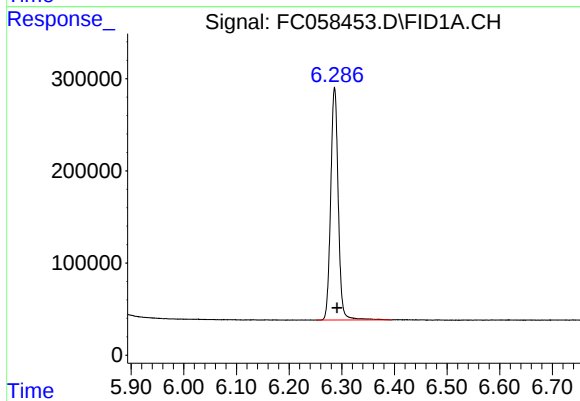
#2 n-Decane (C10)

R.T.: 4.292 min
Delta R.T.: -0.006 min
Response: 2398884
Conc: 20.16 ug/ml



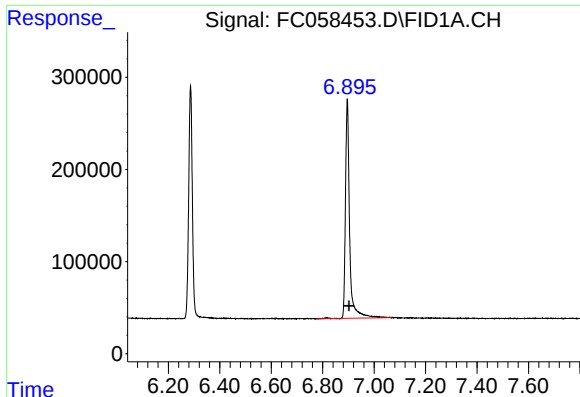
#3 A~Naphthalene (C11.7)

R.T.: 5.851 min
Delta R.T.: -0.008 min
Response: 2641169
Conc: 20.35 ug/ml



#4 n-Dodecane (C12)

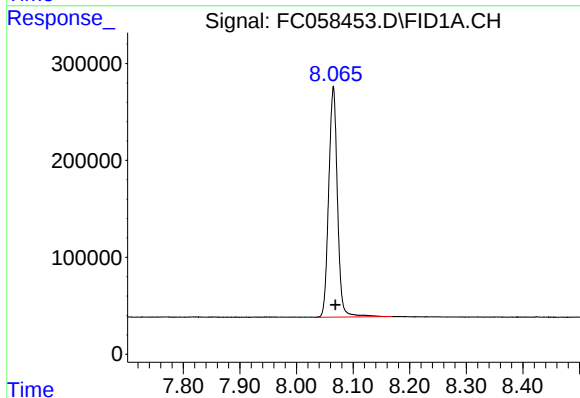
R.T.: 6.286 min
Delta R.T.: -0.005 min
Response: 2520307
Conc: 20.49 ug/ml



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

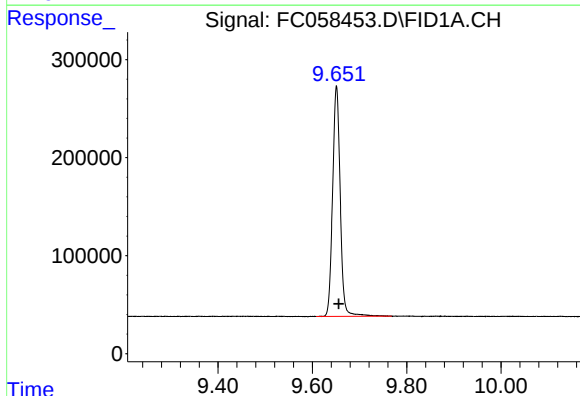
R.T.: 6.896 min
Delta R.T.: -0.007 min
Response: 2670573
Conc: 20.48 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



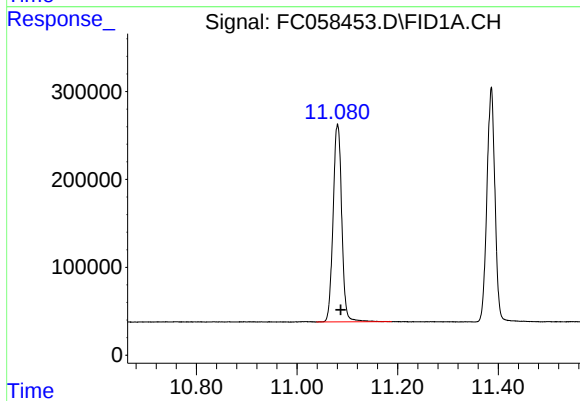
#6 n-Tetradecane (C14)

R.T.: 8.065 min
Delta R.T.: -0.004 min
Response: 2554655
Conc: 20.39 ug/ml



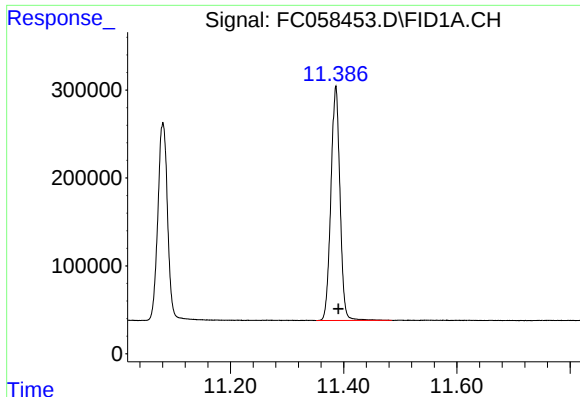
#7 n-Hexadecane (C16)

R.T.: 9.651 min
Delta R.T.: -0.005 min
Response: 2629306
Conc: 20.42 ug/ml



#8 n-Octadecane (C18)

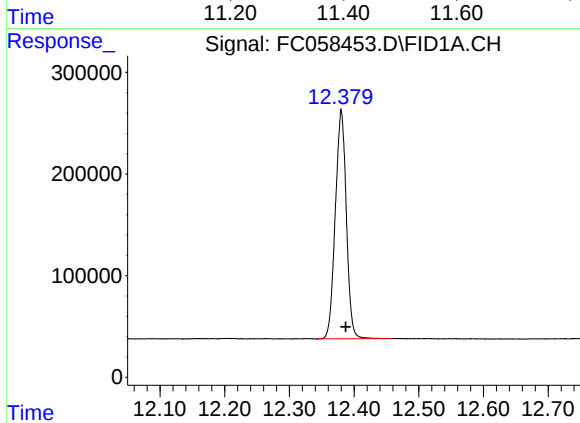
R.T.: 11.081 min
Delta R.T.: -0.006 min
Response: 2687113
Conc: 20.42 ug/ml



#9 ortho-Terphenyl (SURR)

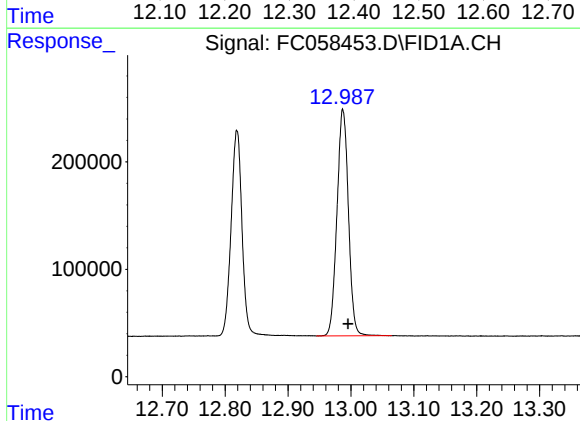
R.T.: 11.386 min
Delta R.T.: -0.005 min
Response: 2972120
Conc: 20.41 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



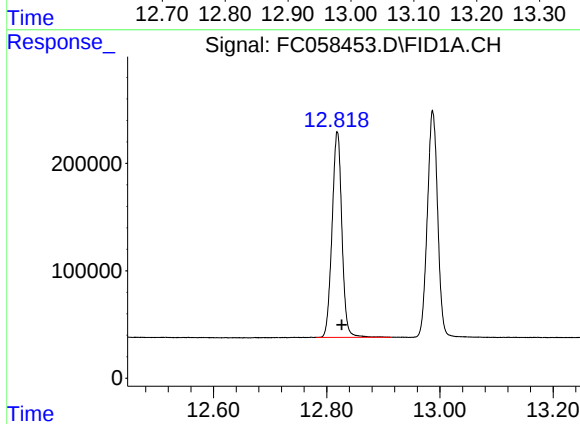
#10 n-Eicosane (C20)

R.T.: 12.380 min
Delta R.T.: -0.007 min
Response: 2666322
Conc: 20.28 ug/ml



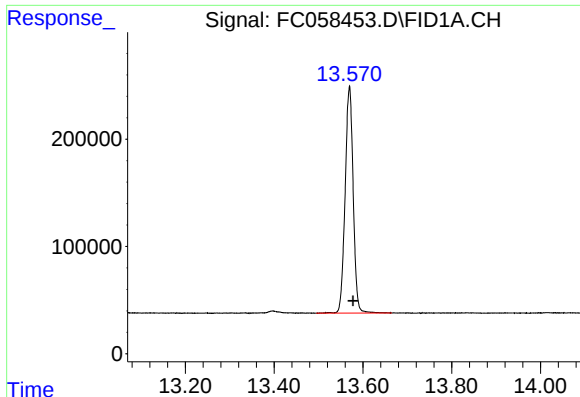
#11 n-Heneicosane (C21)

R.T.: 12.987 min
Delta R.T.: -0.008 min
Response: 2668216
Conc: 20.19 ug/ml



#12 1-chlorooctadecane (SURR)

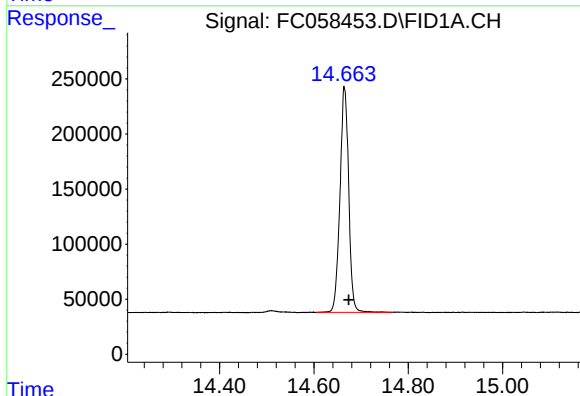
R.T.: 12.819 min
Delta R.T.: -0.008 min
Response: 2307394
Conc: 20.36 ug/ml



#13 n-Docosane (C22)

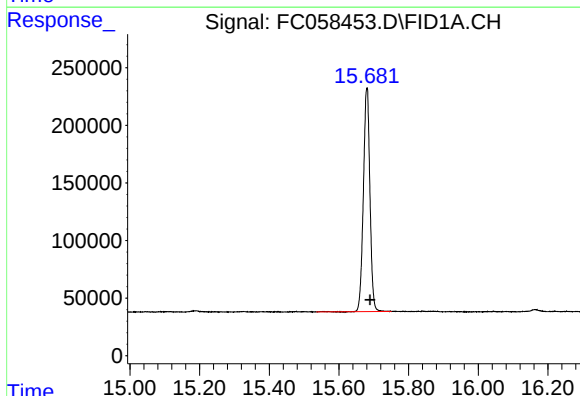
R.T.: 13.570 min
Delta R.T.: -0.008 min
Response: 2662312
Conc: 20.42 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



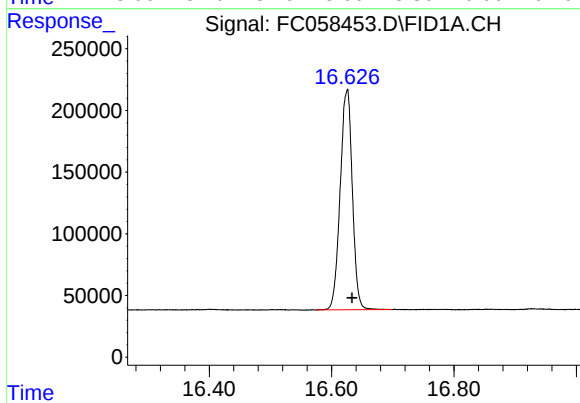
#14 n-Tetracosane (C24)

R.T.: 14.665 min
Delta R.T.: -0.009 min
Response: 2628247
Conc: 20.35 ug/ml



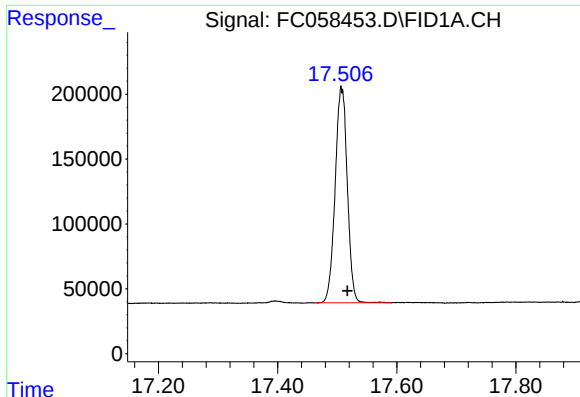
#15 n-Hexacosane (C26)

R.T.: 15.680 min
Delta R.T.: -0.009 min
Response: 2530456
Conc: 20.46 ug/ml



#16 n-Octacosane (C28)

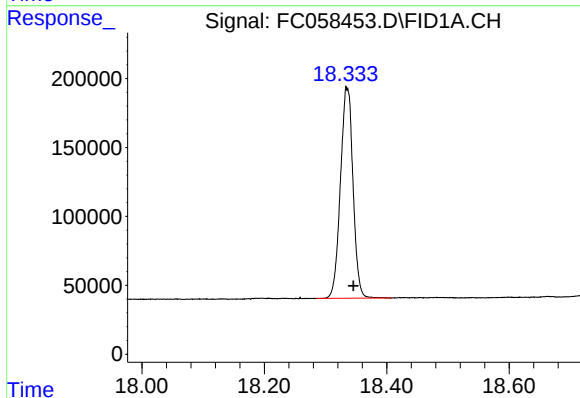
R.T.: 16.625 min
Delta R.T.: -0.008 min
Response: 2462755
Conc: 20.69 ug/ml



#17 n-Tricontane (C30)

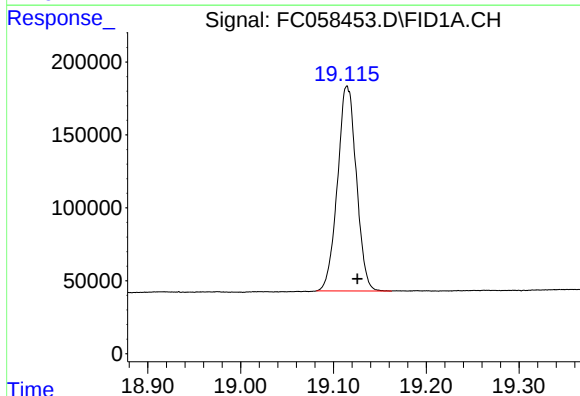
R.T.: 17.507 min
Delta R.T.: -0.010 min
Response: 2350438
Conc: 20.88 ug/ml

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FID_C
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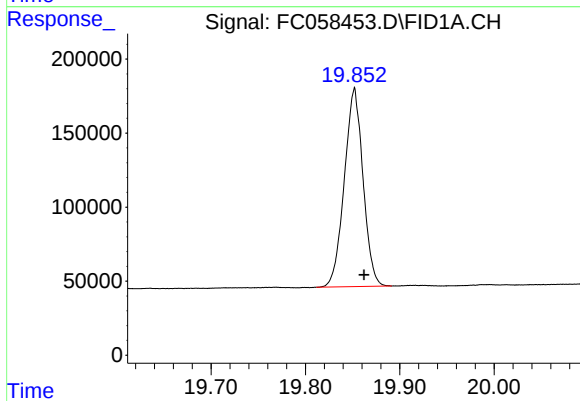
#18 n-Dotriacontane (C32)

R.T.: 18.335 min
Delta R.T.: -0.010 min
Response: 2184518
Conc: 20.32 ug/ml



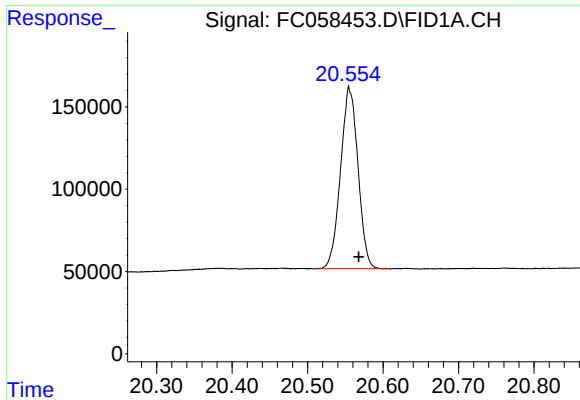
#19 n-Tetratriacontane (C34)

R.T.: 19.115 min
Delta R.T.: -0.011 min
Response: 1985456
Conc: 20.49 ug/ml



#20 n-Hexatriacontane (C36)

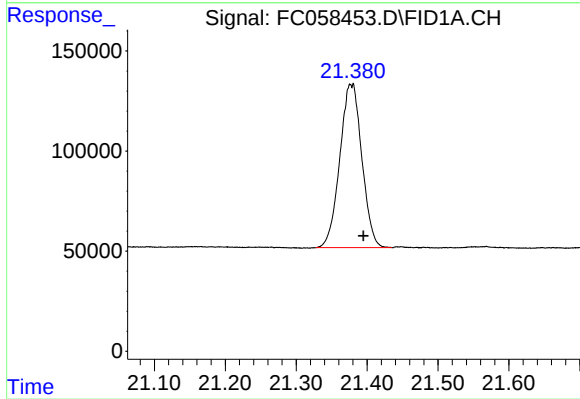
R.T.: 19.852 min
Delta R.T.: -0.010 min
Response: 1844157
Conc: 20.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.556 min
Delta R.T.: -0.012 min
Response: 1771403
Conc: 20.36 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.378 min
Delta R.T.: -0.017 min
Response: 1762407
Conc: 21.00 ug/ml