

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041321AL\
 Data File : FC053143.D
 Signal(s) : FID1A.CH
 Acq On : 14 Apr 2021 9:00
 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: sample.E
 Quant Time: Apr 14 09:41:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 040821.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 09 09:23:51 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)	11.553	2635891	18.245 ug/ml
Spiked Amount 50.000		Recovery =	36.49%
12) S 1-chlorooctadecane (S...	12.992	2074863	17.958 ug/ml
Spiked Amount 50.000		Recovery =	35.92%
Target Compounds			
1) T n-Nonane (C9)	3.309	2418133	19.320 ug/ml
2) T n-Decane (C10)	4.375	2454173	19.494 ug/ml
3) T A~Naphthalene (C11.7)	5.960	2705925	19.425 ug/ml
4) T n-Dodecane (C12)	6.395	2519663	19.674 ug/ml
5) T A~2-methylnaphthalene...	7.018	2748386	19.443 ug/ml
6) T n-Tetradecane (C14)	8.192	2522293	19.603 ug/ml
7) T n-Hexadecane (C16)	9.794	2466694	19.293 ug/ml
8) T n-Octadecane (C18)	11.238	2536674	18.757 ug/ml
10) T n-Eicosane (C20)	12.548	2491371	18.138 ug/ml
11) T n-Heneicosane (C21)	13.159	2450682	17.836 ug/ml
13) T n-Docosane (C22)	13.746	2407836	17.468 ug/ml
14) T n-Tetracosane (C24)	14.849	2317987	16.812 ug/ml
15) T n-Hexacosane (C26)	15.871	2207706	16.281 ug/ml
16) T n-Octacosane (C28)	16.821	2119131	15.898 ug/ml
17) T n-Tricontane (C30)	17.709	2043228	15.921 ug/ml
18) T n-Dotriacontane (C32)	18.541	1972339	16.509 ug/ml
19) T n-Tetratriacontane (C34)	19.325	1912363	17.267 ug/ml
20) T n-Hexatriacontane (C36)	20.064	1854386	18.377 ug/ml
21) T n-Octatriacontane (C38)	20.795	1792651	20.122 ug/ml
22) T n-Tetracontane (C40)	21.694	1901124	23.748 ug/ml

(f)=RT Delta > 1/2 Window

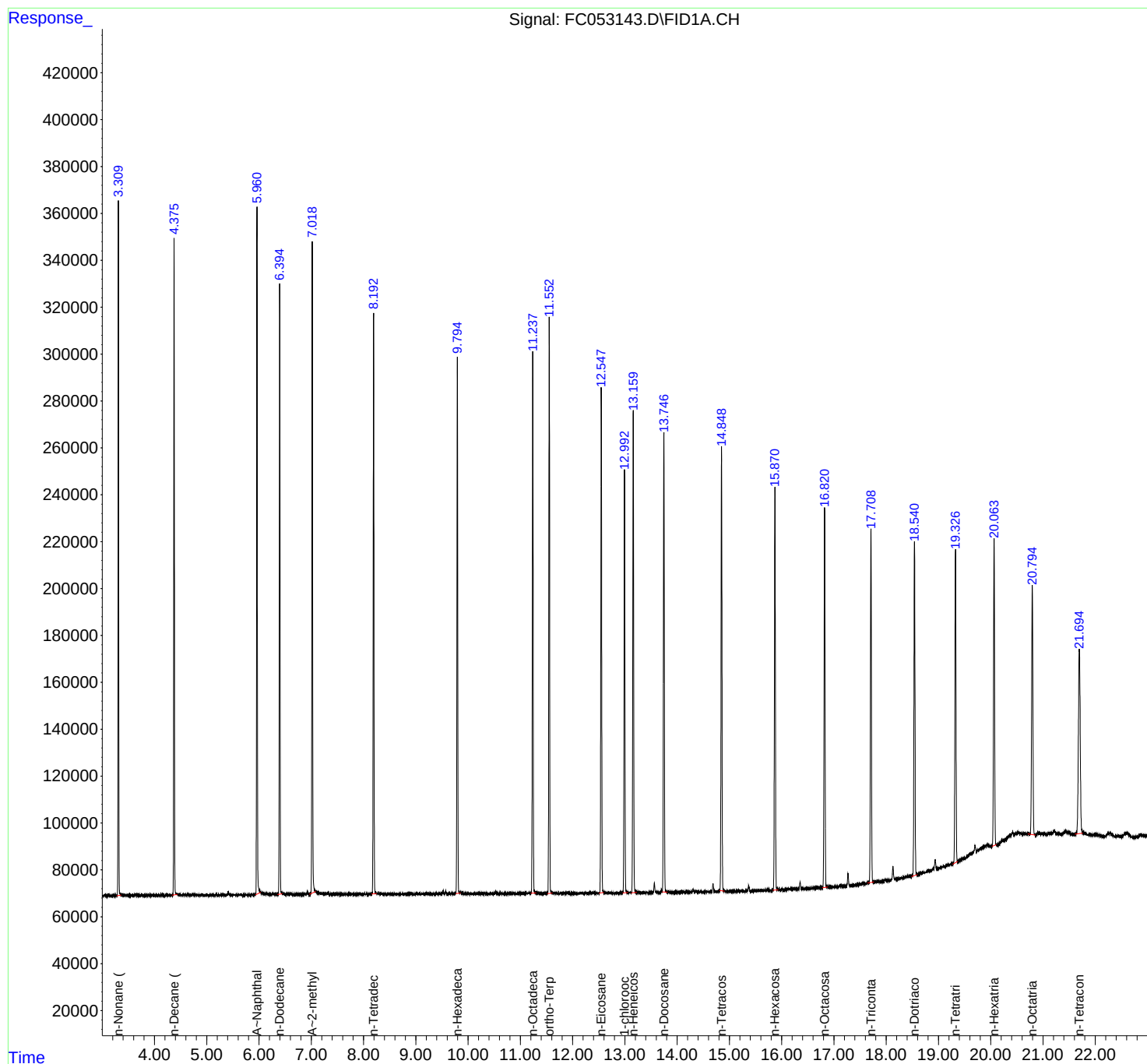
(m)=manual int.

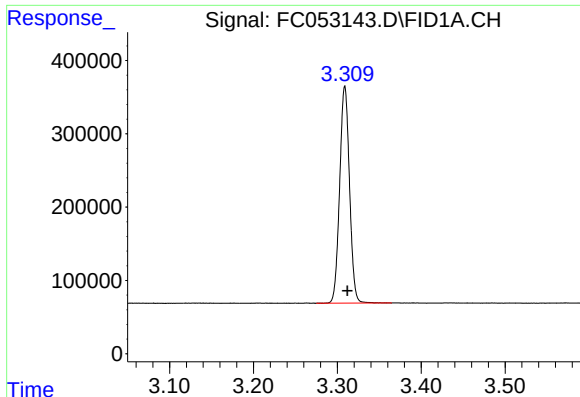
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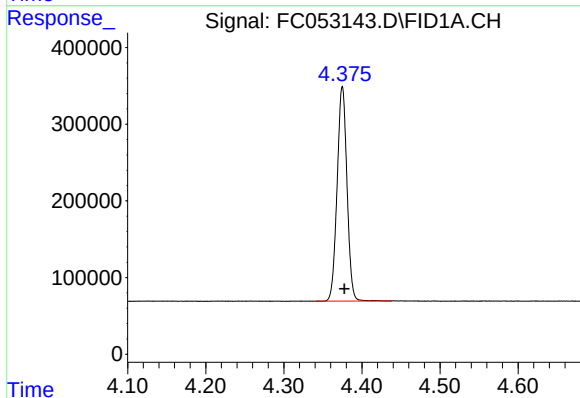




#1 n-Nonane (C9)

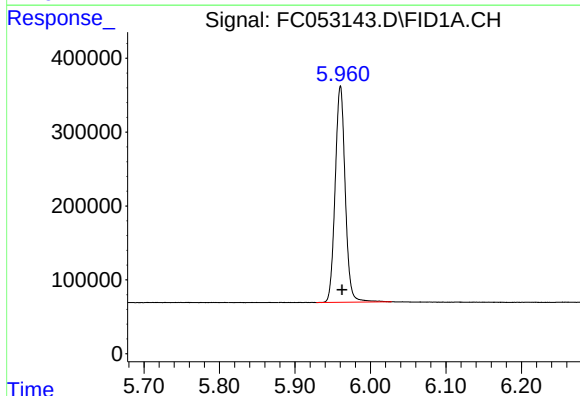
R.T.: 3.309 min
Delta R.T.: -0.003 min
Response: 2418133
Conc: 19.32 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



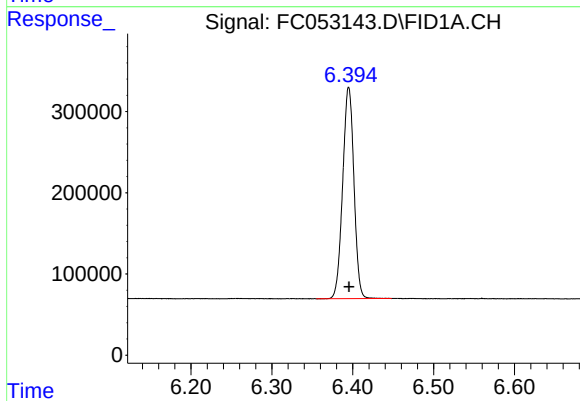
#2 n-Decane (C10)

R.T.: 4.375 min
Delta R.T.: -0.003 min
Response: 2454173
Conc: 19.49 ug/ml



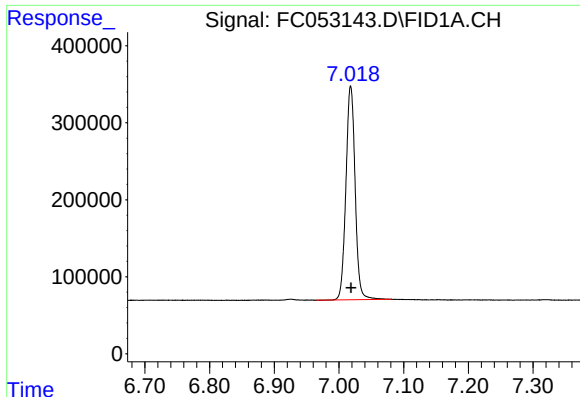
#3 A~Naphthalene (C11.7)

R.T.: 5.960 min
Delta R.T.: -0.002 min
Response: 2705925
Conc: 19.43 ug/ml



#4 n-Dodecane (C12)

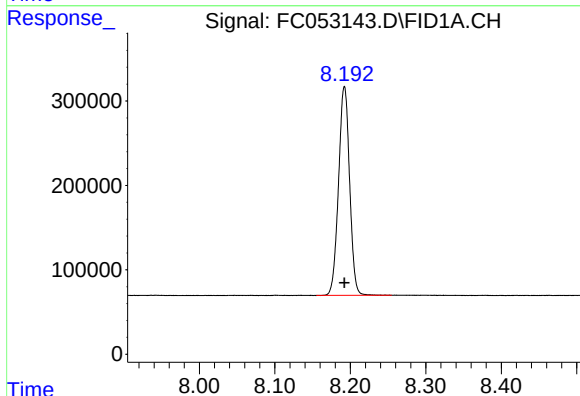
R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 2519663
Conc: 19.67 ug/ml



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

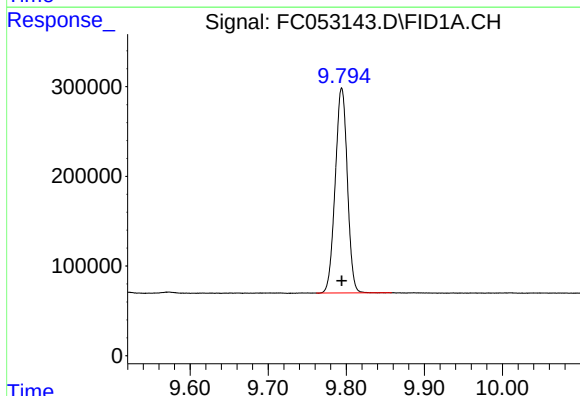
R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 2748386
Conc: 19.44 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



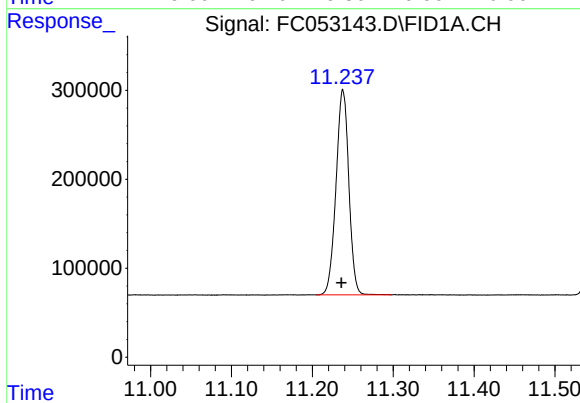
#6 n-Tetradecane (C14)

R.T.: 8.192 min
Delta R.T.: 0.000 min
Response: 2522293
Conc: 19.60 ug/ml



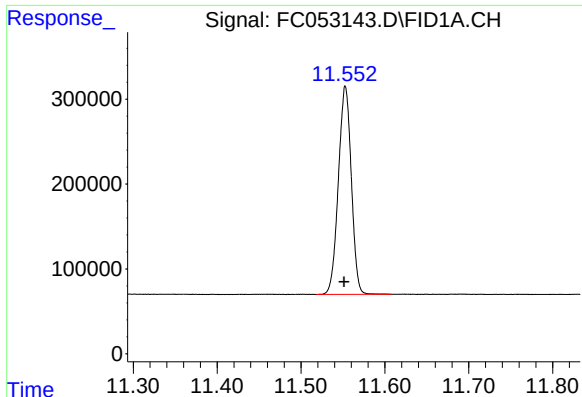
#7 n-Hexadecane (C16)

R.T.: 9.794 min
Delta R.T.: 0.000 min
Response: 2466694
Conc: 19.29 ug/ml



#8 n-Octadecane (C18)

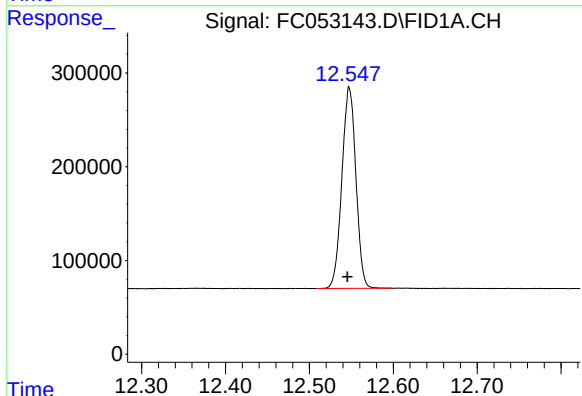
R.T.: 11.238 min
Delta R.T.: 0.002 min
Response: 2536674
Conc: 18.76 ug/ml



#9 ortho-Terphenyl (SURR)

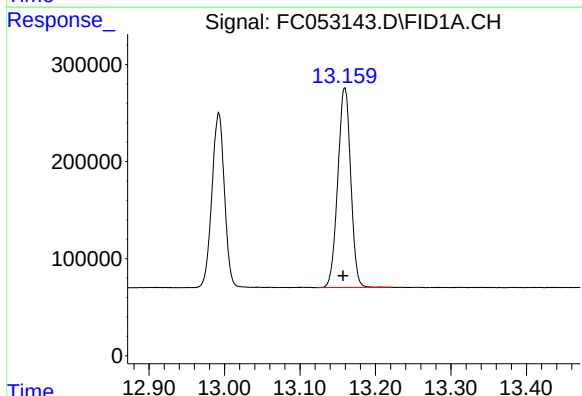
R.T.: 11.553 min
Delta R.T.: 0.002 min
Response: 2635891
Conc: 18.25 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



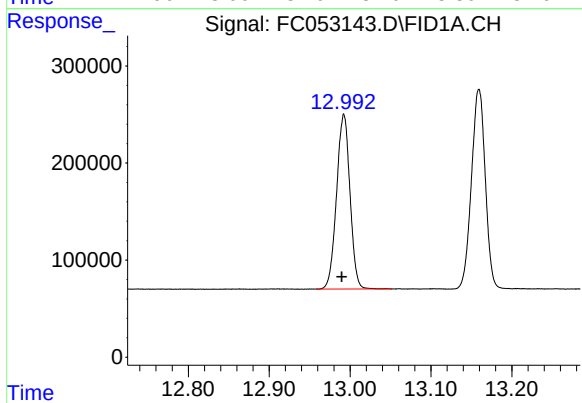
#10 n-Eicosane (C20)

R.T.: 12.548 min
Delta R.T.: 0.002 min
Response: 2491371
Conc: 18.14 ug/ml



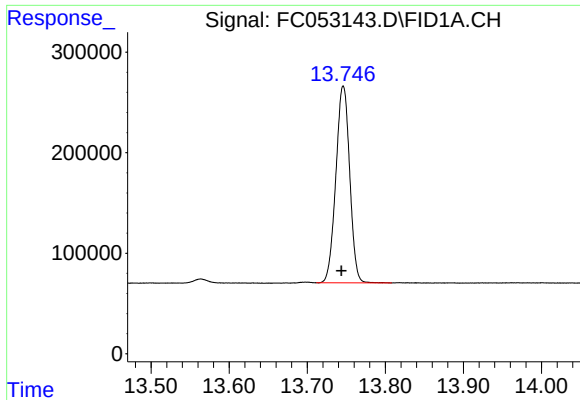
#11 n-Heneicosane (C21)

R.T.: 13.159 min
Delta R.T.: 0.002 min
Response: 2450682
Conc: 17.84 ug/ml



#12 1-chlorooctadecane (SURR)

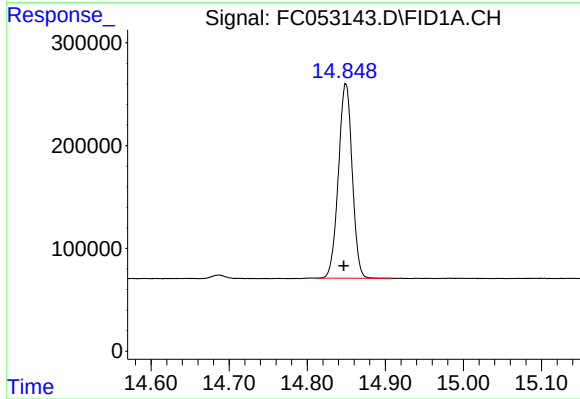
R.T.: 12.992 min
Delta R.T.: 0.003 min
Response: 2074863
Conc: 17.96 ug/ml



#13 n-Docosane (C22)

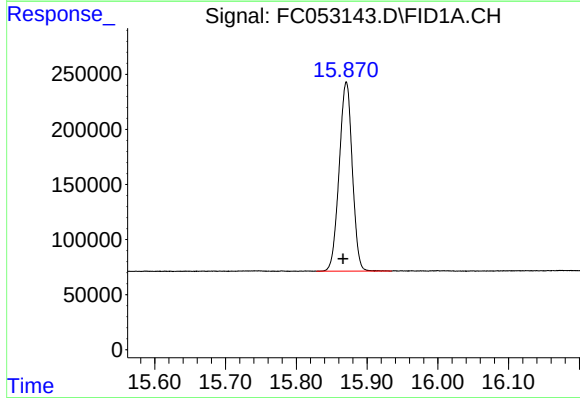
R.T.: 13.746 min
Delta R.T.: 0.003 min
Response: 2407836
Conc: 17.47 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



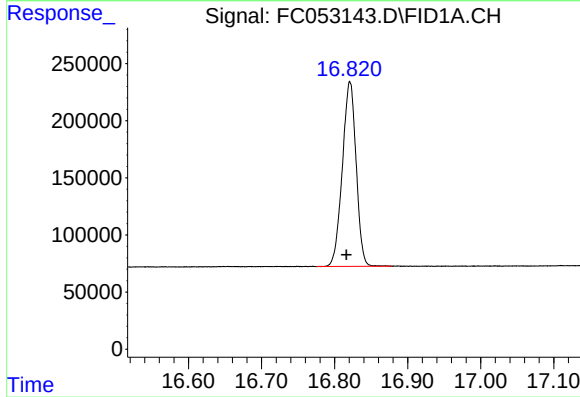
#14 n-Tetracosane (C24)

R.T.: 14.849 min
Delta R.T.: 0.003 min
Response: 2317987
Conc: 16.81 ug/ml



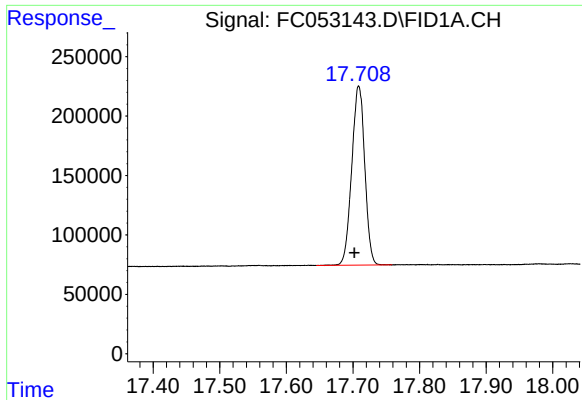
#15 n-Hexacosane (C26)

R.T.: 15.871 min
Delta R.T.: 0.004 min
Response: 2207706
Conc: 16.28 ug/ml



#16 n-Octacosane (C28)

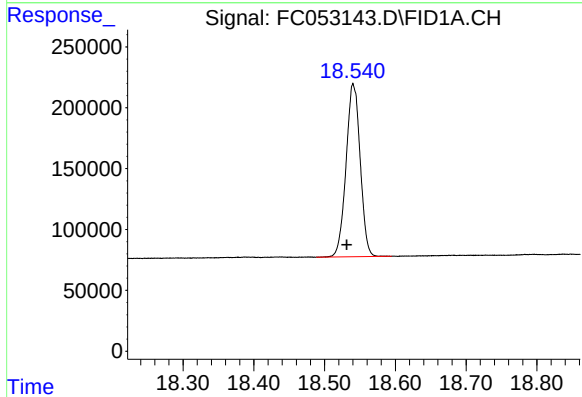
R.T.: 16.821 min
Delta R.T.: 0.005 min
Response: 2119131
Conc: 15.90 ug/ml



#17 n-Tricontane (C30)

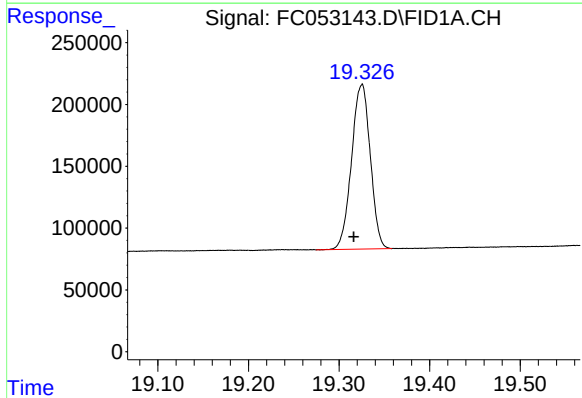
R.T.: 17.709 min
Delta R.T.: 0.007 min
Response: 2043228
Conc: 15.92 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



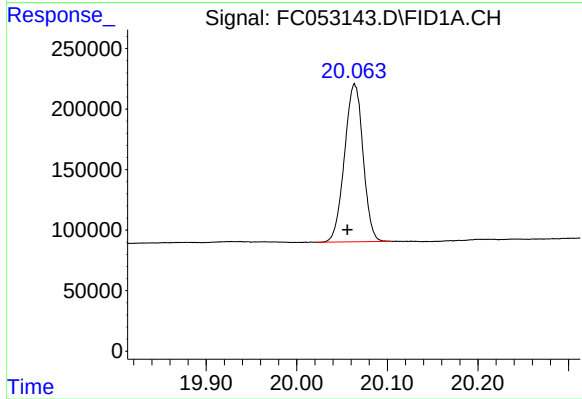
#18 n-Dotriacontane (C32)

R.T.: 18.541 min
Delta R.T.: 0.009 min
Response: 1972339
Conc: 16.51 ug/ml



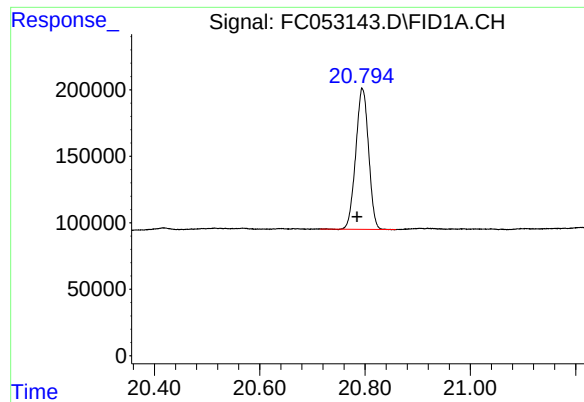
#19 n-Tetratriacontane (C34)

R.T.: 19.325 min
Delta R.T.: 0.009 min
Response: 1912363
Conc: 17.27 ug/ml



#20 n-Hexatriacontane (C36)

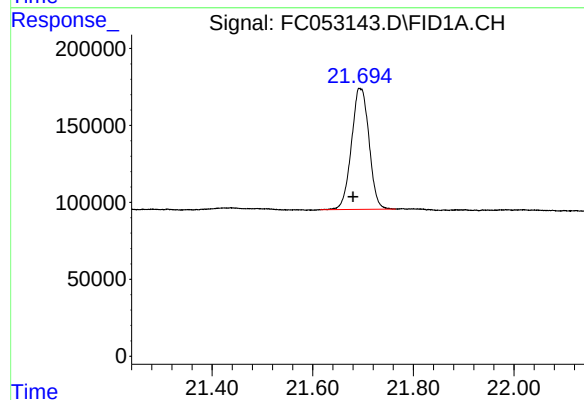
R.T.: 20.064 min
Delta R.T.: 0.008 min
Response: 1854386
Conc: 18.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.795 min
Delta R.T.: 0.010 min
Response: 1792651
Conc: 20.12 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.694 min
Delta R.T.: 0.014 min
Response: 1901124
Conc: 23.75 ug/ml