

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092120AL\
 Data File : FC049651.D
 Signal(s) : FID1A.CH
 Acq On : 21 Sep 2020 9:56
 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: Sep 22 00:35:24 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 090820.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 09 05:58:47 2020
 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)	11.662	2062578	17.952 ug/ml
Spiked Amount 50.000		Recovery =	35.90%
12) S 1-chlorooctadecane (S...	13.094	1579805	17.736 ug/ml
Spiked Amount 50.000		Recovery =	35.47%
Target Compounds			
1) T n-Nonane (C9)	3.400	2047234	19.789 ug/ml
2) T n-Decane (C10)	4.473	2054912	19.784 ug/ml
3) T A~Naphthalene (C11.7)	6.070	2223302	19.337 ug/ml
4) T n-Dodecane (C12)	6.496	2059024	19.479 ug/ml
5) T A~2-methylnaphthalene...	7.128	2222114	19.006 ug/ml
6) T n-Tetradecane (C14)	8.294	2019571	19.144 ug/ml
7) T n-Hexadecane (C16)	9.896	1946014	18.699 ug/ml
8) T n-Octadecane (C18)	11.339	1975649	18.383 ug/ml
10) T n-Eicosane (C20)	12.648	1933162	18.053 ug/ml
11) T n-Heneicosane (C21)	13.260	1906117	17.912 ug/ml
13) T n-Docosane (C22)	13.846	1878786	17.754 ug/ml
14) T n-Tetracosane (C24)	14.949	1839645	17.580 ug/ml
15) T n-Hexacosane (C26)	15.969	1803887	17.646 ug/ml
16) T n-Octacosane (C28)	16.919	1797857	17.889 ug/ml
17) T n-Tricontane (C30)	17.805	1774196	18.222 ug/ml
18) T n-Dotriacontane (C32)	18.635	1677239	18.561 ug/ml
19) T n-Tetratriacontane (C34)	19.416	1621176	18.938 ug/ml
20) T n-Hexatriacontane (C36)	20.155	1568071	19.463 ug/ml
21) T n-Octatriacontane (C38)	20.908	1541799	20.366 ug/ml
22) T n-Tetracontane (C40)	21.850	1614072	20.744 ug/ml

(f)=RT Delta > 1/2 Window

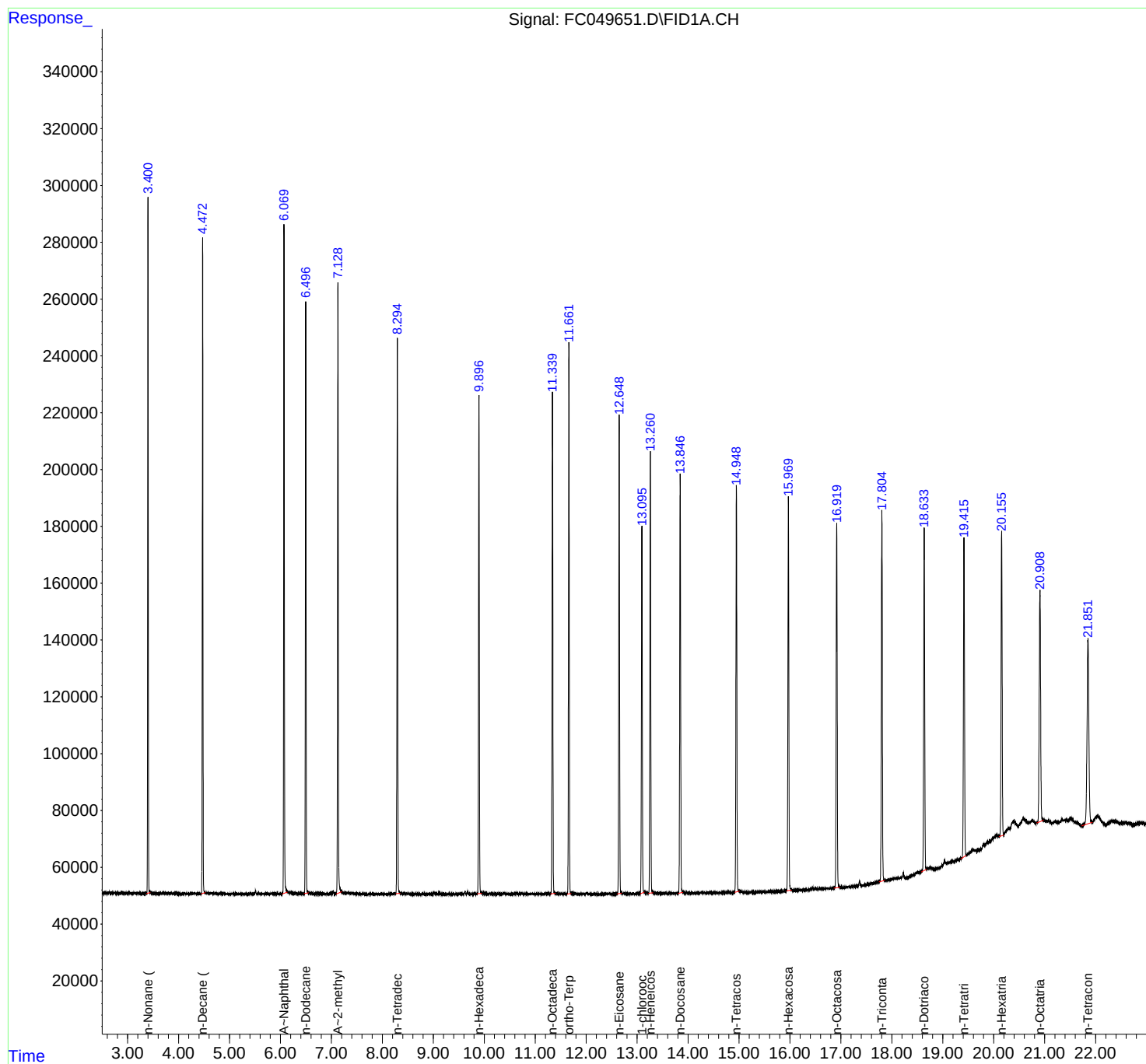
(m)=manual int.

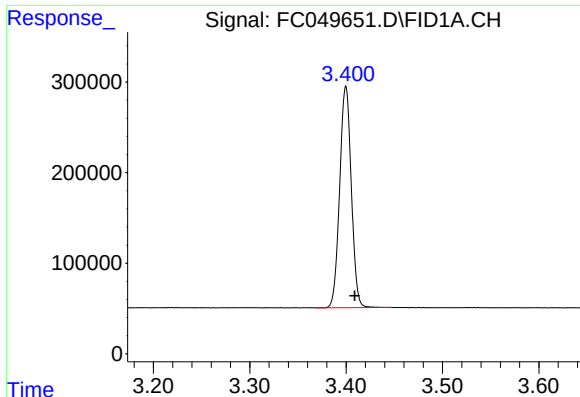
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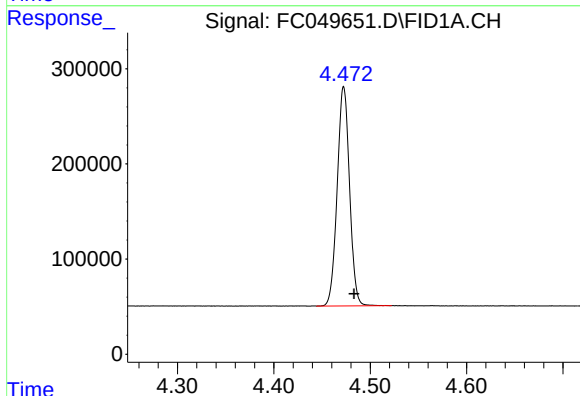




#1 n-Nonane (C9)

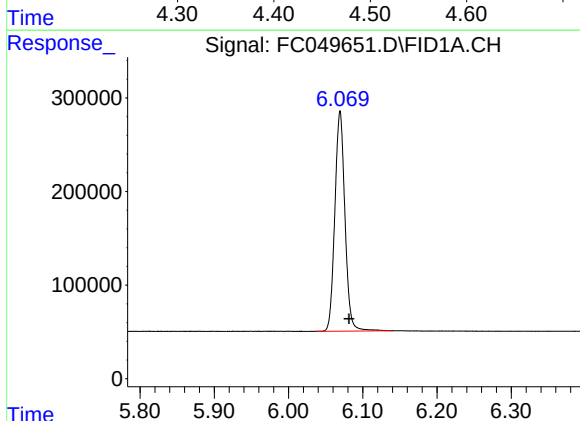
R.T.: 3.400 min
Delta R.T.: -0.009 min
Response: 2047234
Conc: 19.79 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



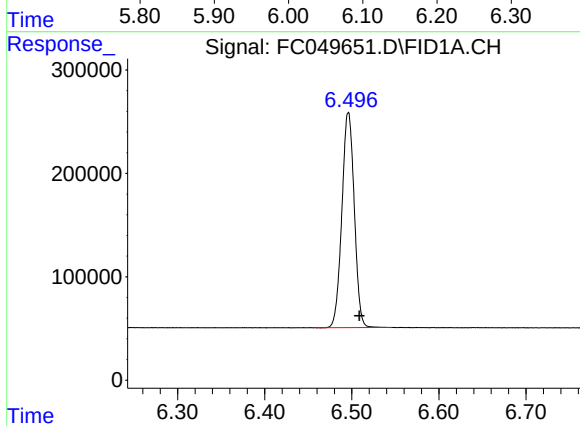
#2 n-Decane (C10)

R.T.: 4.473 min
Delta R.T.: -0.011 min
Response: 2054912
Conc: 19.78 ug/ml



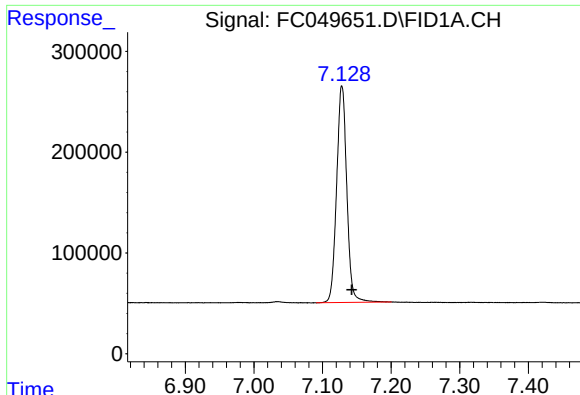
#3 A~Naphthalene (C11.7)

R.T.: 6.070 min
Delta R.T.: -0.012 min
Response: 2223302
Conc: 19.34 ug/ml



#4 n-Dodecane (C12)

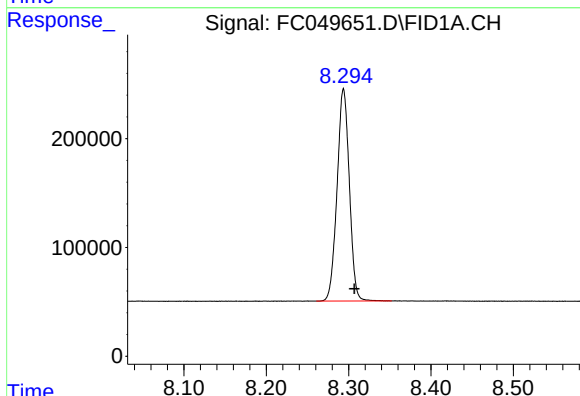
R.T.: 6.496 min
Delta R.T.: -0.013 min
Response: 2059024
Conc: 19.48 ug/ml



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

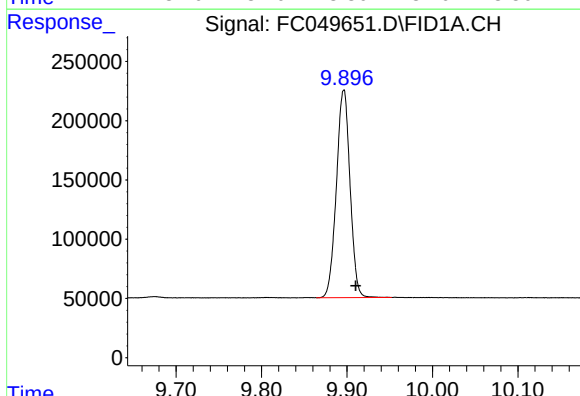
R.T.: 7.128 min
Delta R.T.: -0.014 min
Response: 2222114
Conc: 19.01 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



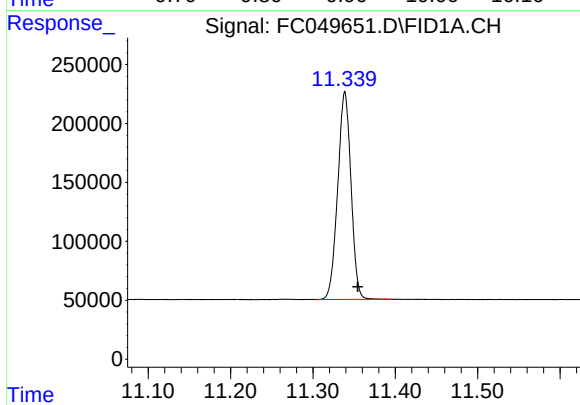
#6 n-Tetradecane (C14)

R.T.: 8.294 min
Delta R.T.: -0.013 min
Response: 2019571
Conc: 19.14 ug/ml



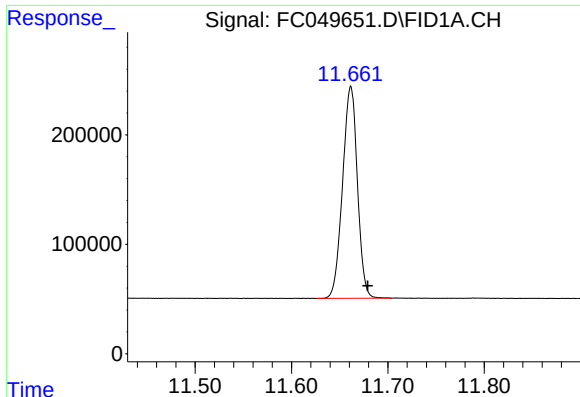
#7 n-Hexadecane (C16)

R.T.: 9.896 min
Delta R.T.: -0.014 min
Response: 1946014
Conc: 18.70 ug/ml



#8 n-Octadecane (C18)

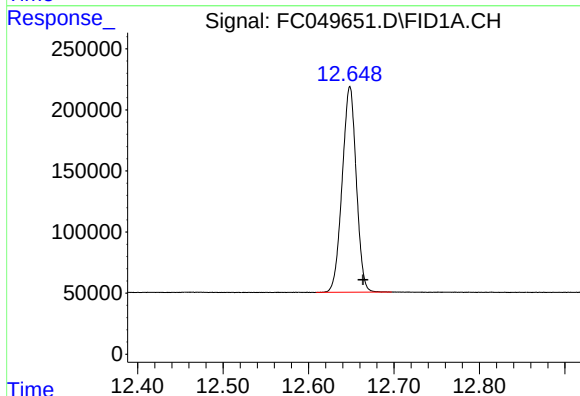
R.T.: 11.339 min
Delta R.T.: -0.016 min
Response: 1975649
Conc: 18.38 ug/ml



#9 ortho-Terphenyl (SURR)

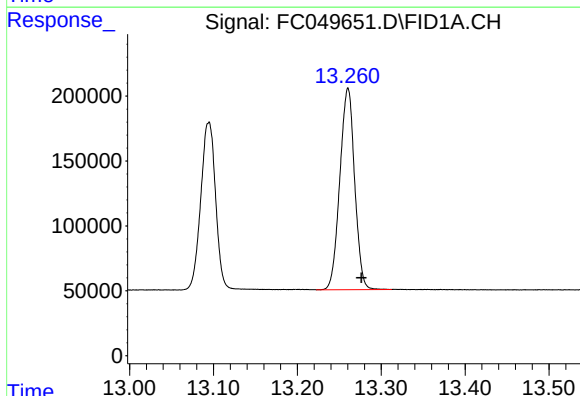
R.T.: 11.662 min
Delta R.T.: -0.017 min
Response: 2062578
Conc: 17.95 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



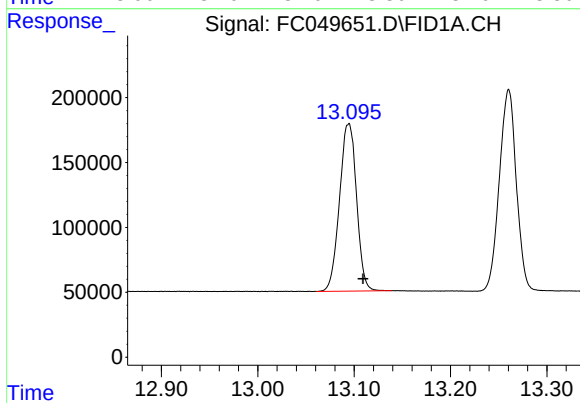
#10 n-Eicosane (C20)

R.T.: 12.648 min
Delta R.T.: -0.015 min
Response: 1933162
Conc: 18.05 ug/ml



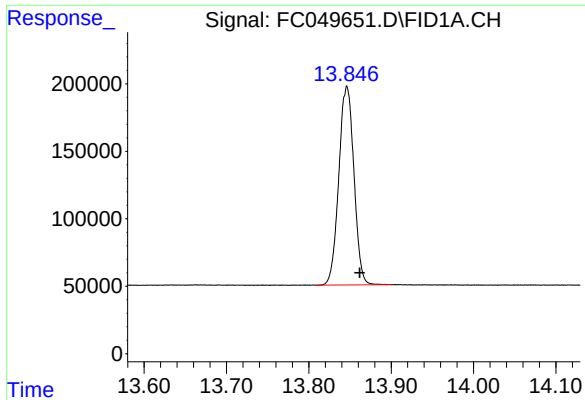
#11 n-Heneicosane (C21)

R.T.: 13.260 min
Delta R.T.: -0.016 min
Response: 1906117
Conc: 17.91 ug/ml



#12 1-chlorooctadecane (SURR)

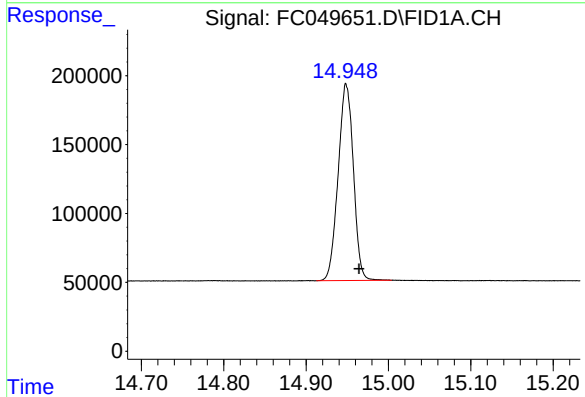
R.T.: 13.094 min
Delta R.T.: -0.015 min
Response: 1579805
Conc: 17.74 ug/ml



#13 n-Docosane (C22)

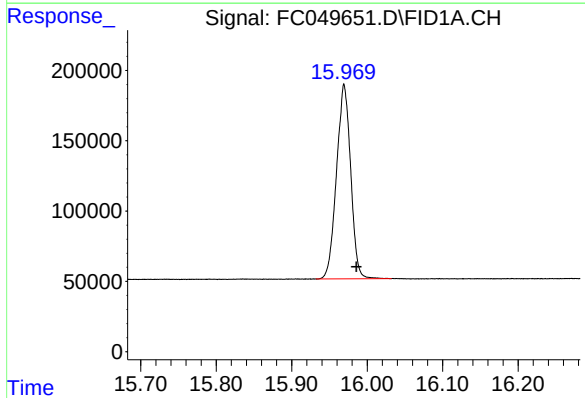
R.T.: 13.846 min
Delta R.T.: -0.016 min
Response: 1878786
Conc: 17.75 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



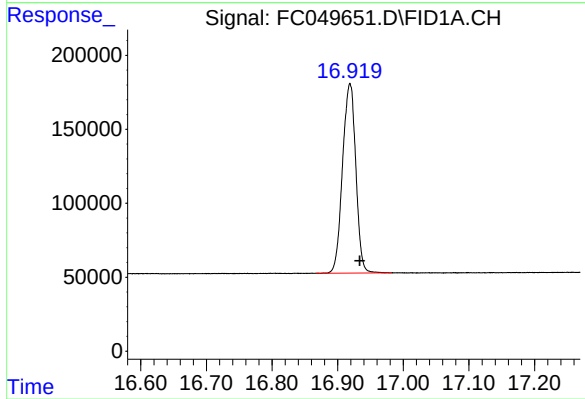
#14 n-Tetracosane (C24)

R.T.: 14.949 min
Delta R.T.: -0.016 min
Response: 1839645
Conc: 17.58 ug/ml



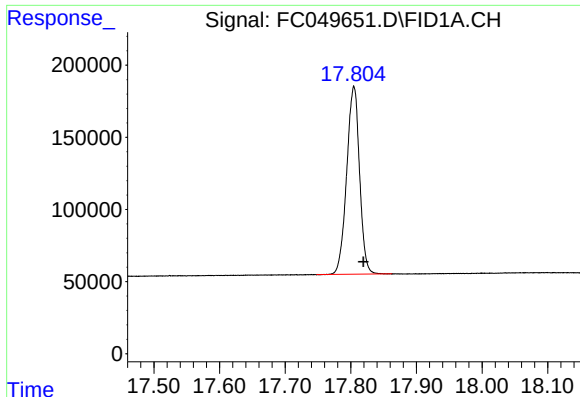
#15 n-Hexacosane (C26)

R.T.: 15.969 min
Delta R.T.: -0.016 min
Response: 1803887
Conc: 17.65 ug/ml



#16 n-Octacosane (C28)

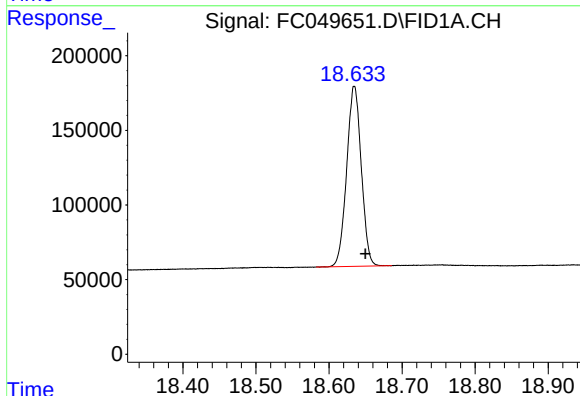
R.T.: 16.919 min
Delta R.T.: -0.015 min
Response: 1797857
Conc: 17.89 ug/ml



#17 n-Tricontane (C30)

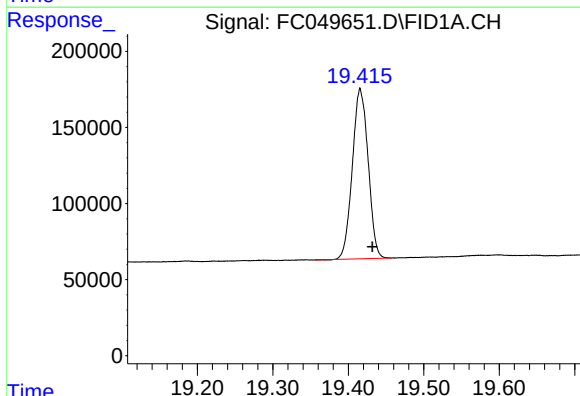
R.T.: 17.805 min
Delta R.T.: -0.015 min
Response: 1774196
Conc: 18.22 ug/ml

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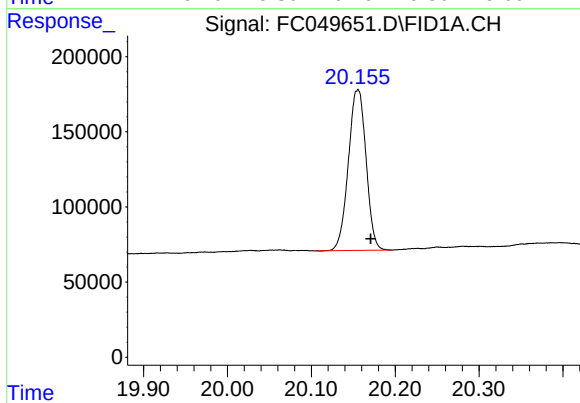
#18 n-Dotriacontane (C32)

R.T.: 18.635 min
Delta R.T.: -0.015 min
Response: 1677239
Conc: 18.56 ug/ml



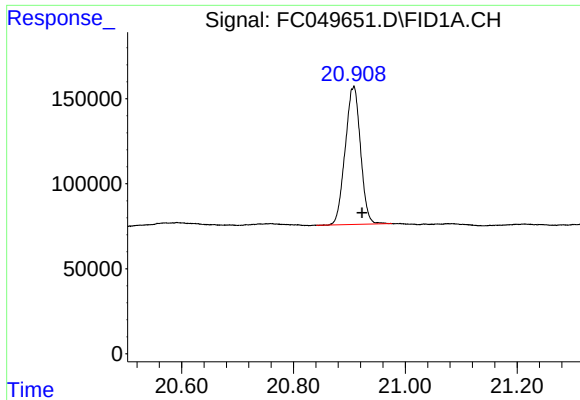
#19 n-Tetratriacontane (C34)

R.T.: 19.416 min
Delta R.T.: -0.016 min
Response: 1621176
Conc: 18.94 ug/ml



#20 n-Hexatriacontane (C36)

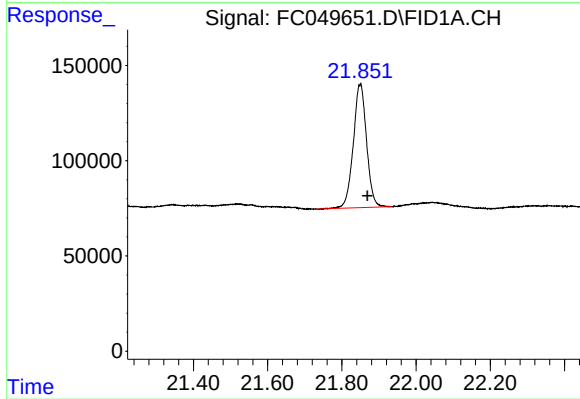
R.T.: 20.155 min
Delta R.T.: -0.016 min
Response: 1568071
Conc: 19.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.908 min
Delta R.T.: -0.015 min
Response: 1541799
Conc: 20.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.850 min
Delta R.T.: -0.018 min
Response: 1614072
Conc: 20.74 ug/ml