

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040921AL\
 Data File : FC053058.D
 Signal(s) : FID1A.CH
 Acq On : 10 Apr 2021 1:17
 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 10 04:36:47 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	2650150	18.344 ug/ml
Spiked Amount 50.000		Recovery =	36.69%
12) S 1-chlorooctadecane (S...	12.992	2098195	18.160 ug/ml
Spiked Amount 50.000		Recovery =	36.32%
Target Compounds			
1) T n-Nonane (C9)	3.311	2377309	18.994 ug/ml
2) T n-Decane (C10)	4.376	2399957	19.063 ug/ml
3) T A~Naphthalene (C11.7)	5.961	2663174	19.118 ug/ml
4) T n-Dodecane (C12)	6.395	2461484	19.219 ug/ml
5) T A~2-methylnaphthalene...	7.019	2705085	19.136 ug/ml
6) T n-Tetradecane (C14)	8.193	2469848	19.196 ug/ml
7) T n-Hexadecane (C16)	9.795	2437639	19.065 ug/ml
8) T n-Octadecane (C18)	11.238	2534092	18.738 ug/ml
10) T n-Eicosane (C20)	12.547	2508856	18.265 ug/ml
11) T n-Heneicosane (C21)	13.160	2474992	18.013 ug/ml
13) T n-Docosane (C22)	13.745	2439595	17.699 ug/ml
14) T n-Tetracosane (C24)	14.848	2362737	17.136 ug/ml
15) T n-Hexacosane (C26)	15.869	2246525	16.567 ug/ml
16) T n-Octacosane (C28)	16.819	2153456	16.156 ug/ml
17) T n-Tricontane (C30)	17.706	2064632	16.087 ug/ml
18) T n-Dotriacontane (C32)	18.538	1956507	16.377 ug/ml
19) T n-Tetratriacontane (C34)	19.322	1891804	17.082 ug/ml
20) T n-Hexatriacontane (C36)	20.060	1825934	18.095 ug/ml
21) T n-Octatriacontane (C38)	20.791	1743139	19.566 ug/ml
22) T n-Tetracontane (C40)	21.691	1785491	22.303 ug/ml

(f)=RT Delta > 1/2 Window

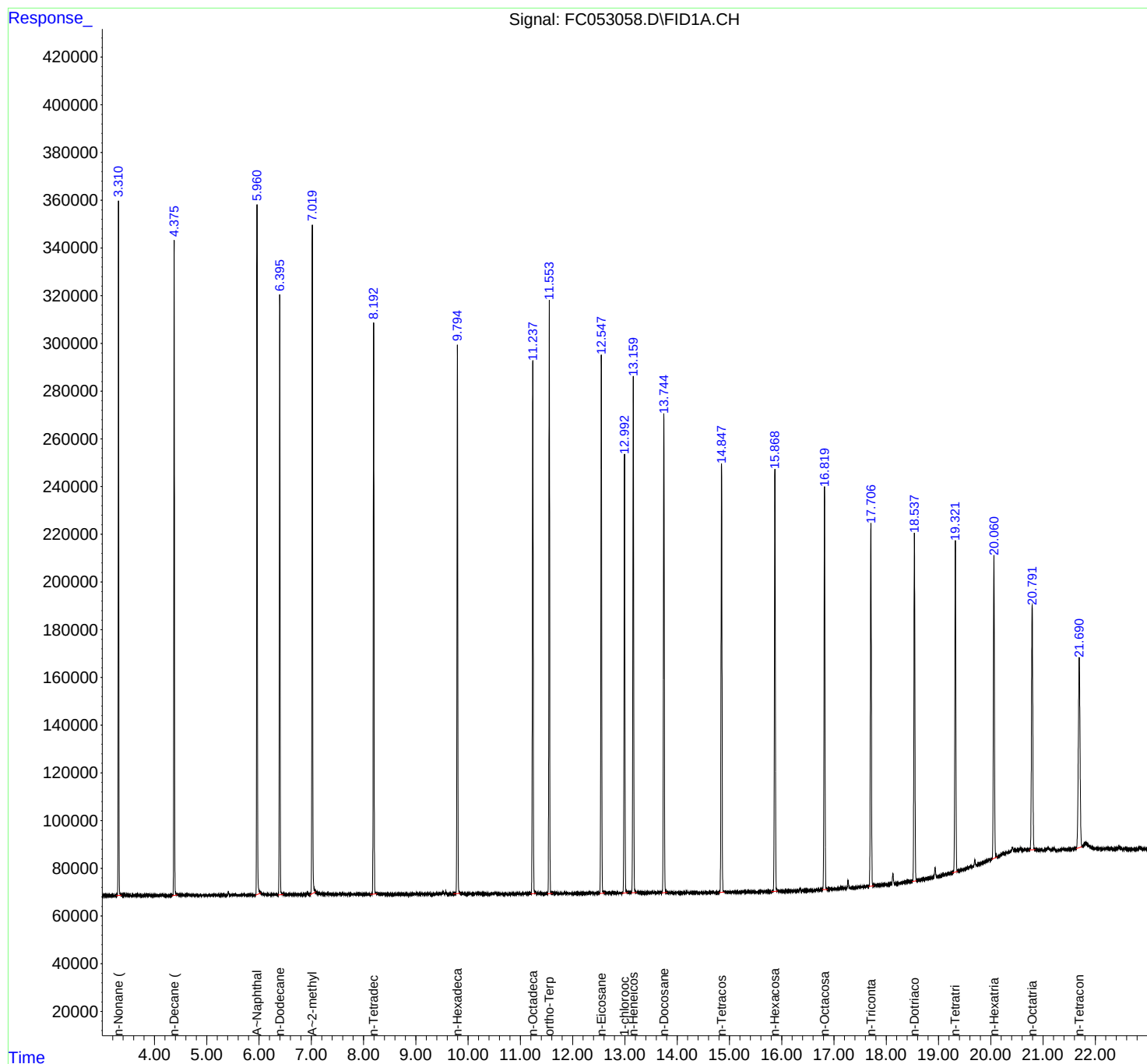
(m)=manual int.

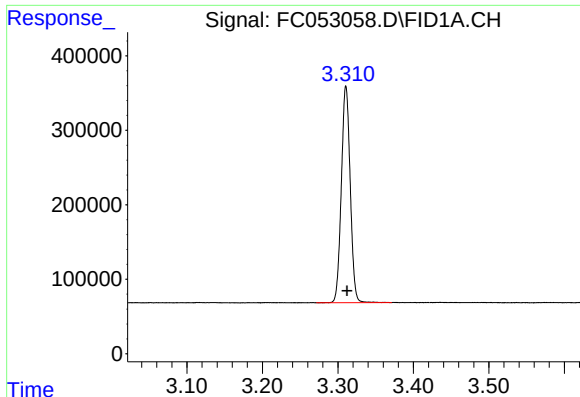
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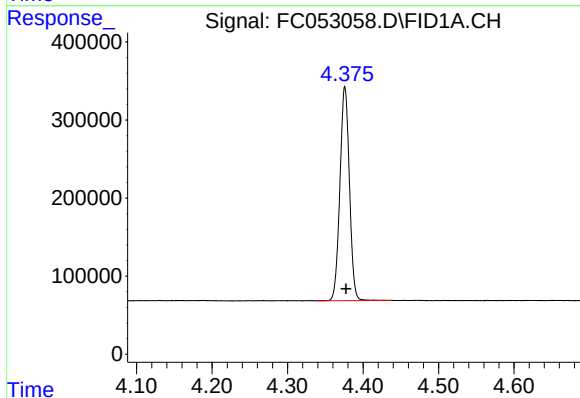




#1 n-Nonane (C9)

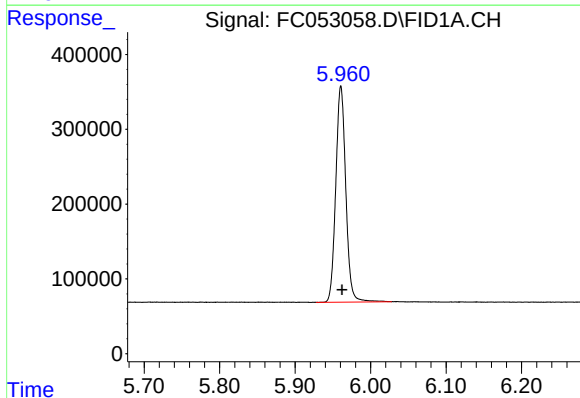
R.T.: 3.311 min
Delta R.T.: -0.001 min
Response: 2377309
Conc: 18.99 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



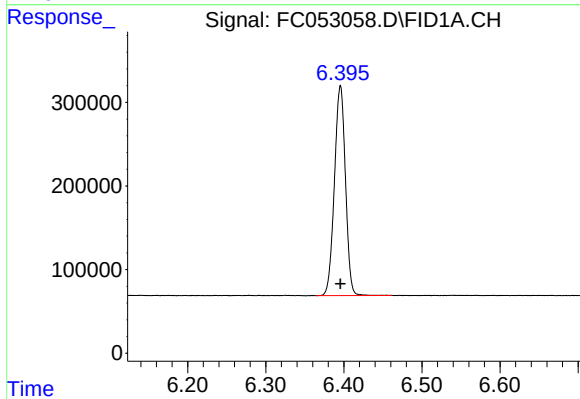
#2 n-Decane (C10)

R.T.: 4.376 min
Delta R.T.: -0.001 min
Response: 2399957
Conc: 19.06 ug/ml



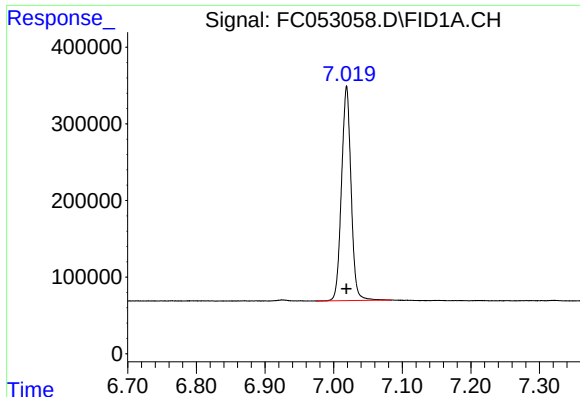
#3 A~Naphthalene (C11.7)

R.T.: 5.961 min
Delta R.T.: -0.002 min
Response: 2663174
Conc: 19.12 ug/ml



#4 n-Dodecane (C12)

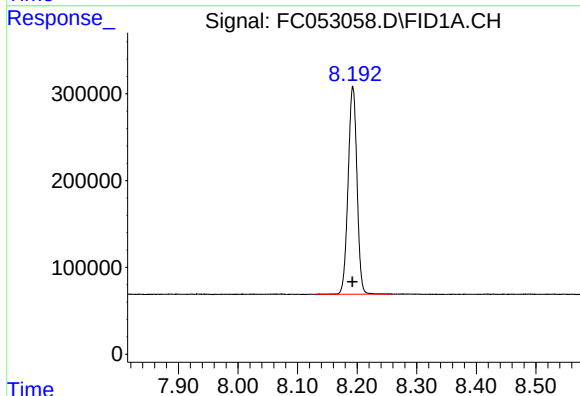
R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 2461484
Conc: 19.22 ug/ml



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

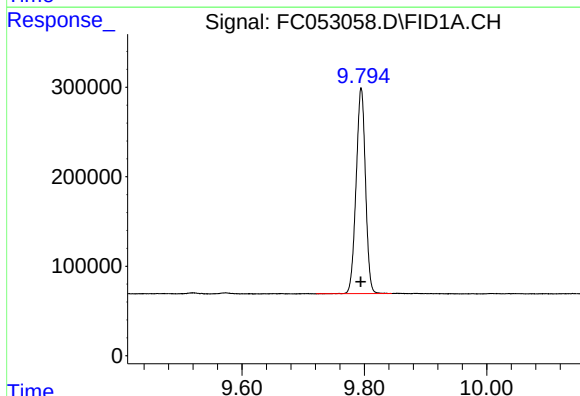
R.T.: 7.019 min
Delta R.T.: 0.000 min
Response: 2705085
Conc: 19.14 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



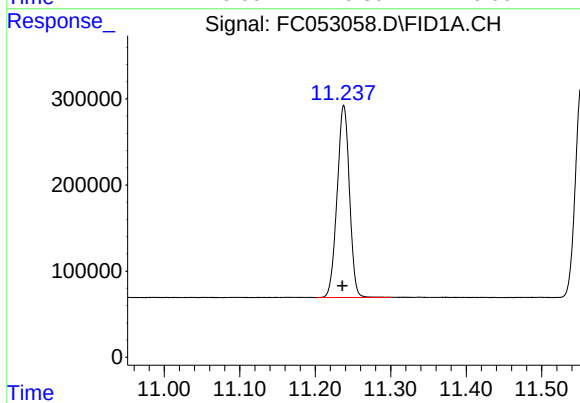
#6 n-Tetradecane (C14)

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 2469848
Conc: 19.20 ug/ml



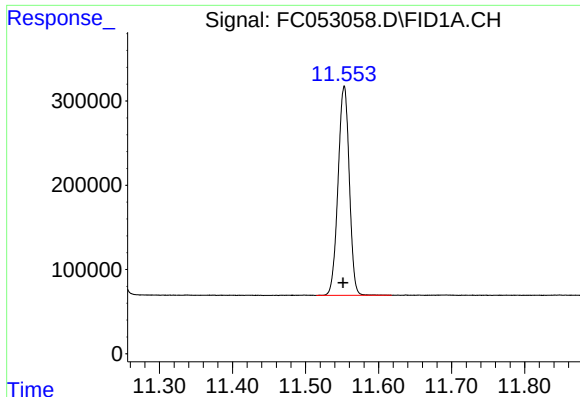
#7 n-Hexadecane (C16)

R.T.: 9.795 min
Delta R.T.: 0.000 min
Response: 2437639
Conc: 19.07 ug/ml



#8 n-Octadecane (C18)

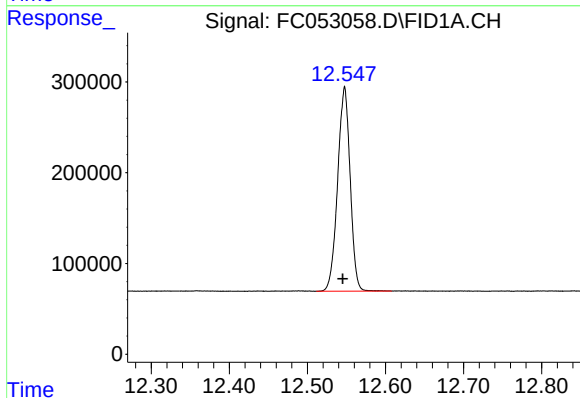
R.T.: 11.238 min
Delta R.T.: 0.002 min
Response: 2534092
Conc: 18.74 ug/ml



#9 ortho-Terphenyl (SURR)

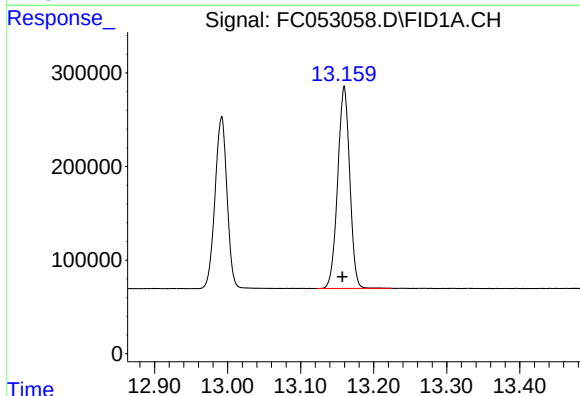
R.T.: 11.553 min
Delta R.T.: 0.002 min
Response: 2650150
Conc: 18.34 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



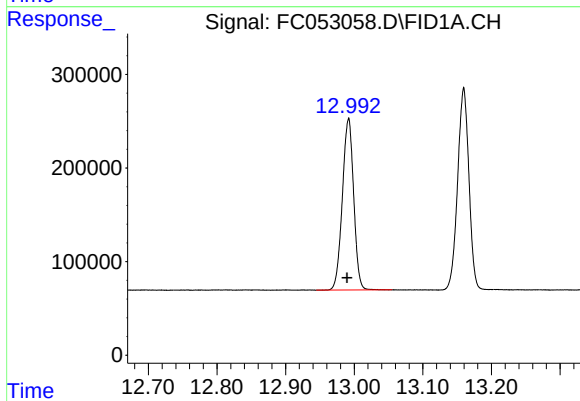
#10 n-Eicosane (C20)

R.T.: 12.547 min
Delta R.T.: 0.002 min
Response: 2508856
Conc: 18.27 ug/ml



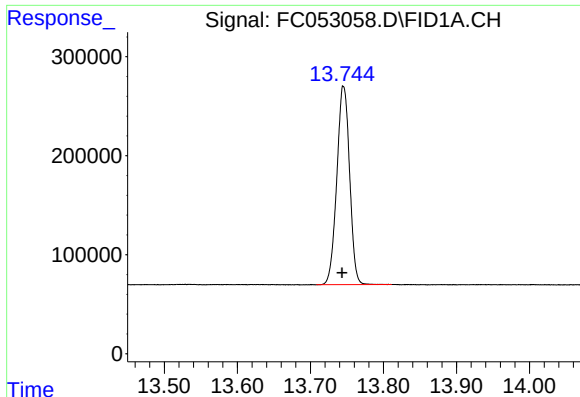
#11 n-Heneicosane (C21)

R.T.: 13.160 min
Delta R.T.: 0.003 min
Response: 2474992
Conc: 18.01 ug/ml



#12 1-chlorooctadecane (SURR)

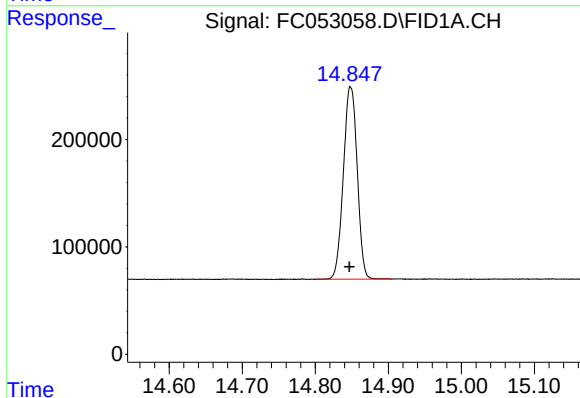
R.T.: 12.992 min
Delta R.T.: 0.002 min
Response: 2098195
Conc: 18.16 ug/ml



#13 n-Docosane (C22)

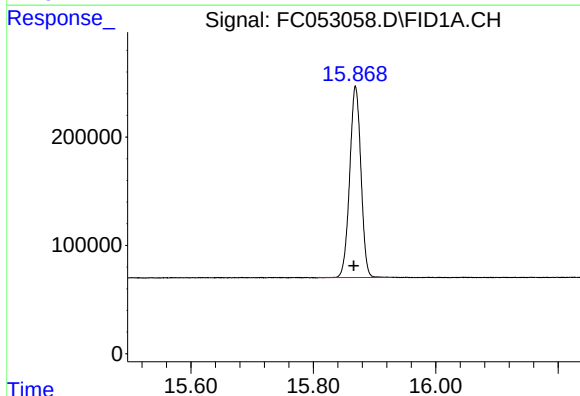
R.T.: 13.745 min
Delta R.T.: 0.002 min
Response: 2439595
Conc: 17.70 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



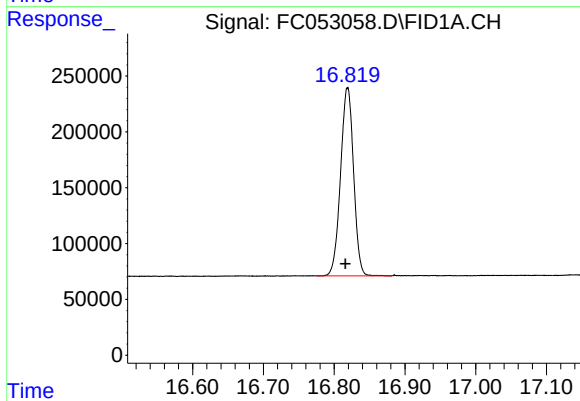
#14 n-Tetracosane (C24)

R.T.: 14.848 min
Delta R.T.: 0.002 min
Response: 2362737
Conc: 17.14 ug/ml



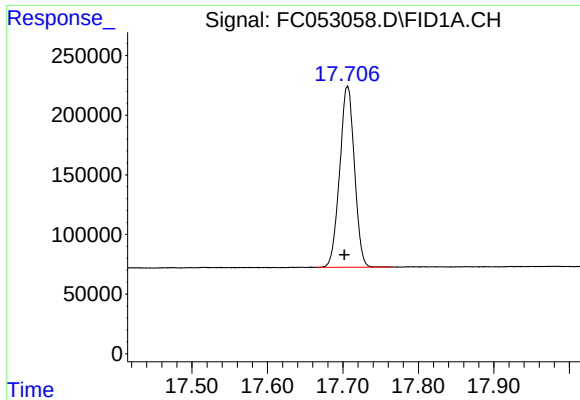
#15 n-Hexacosane (C26)

R.T.: 15.869 min
Delta R.T.: 0.003 min
Response: 2246525
Conc: 16.57 ug/ml



#16 n-Octacosane (C28)

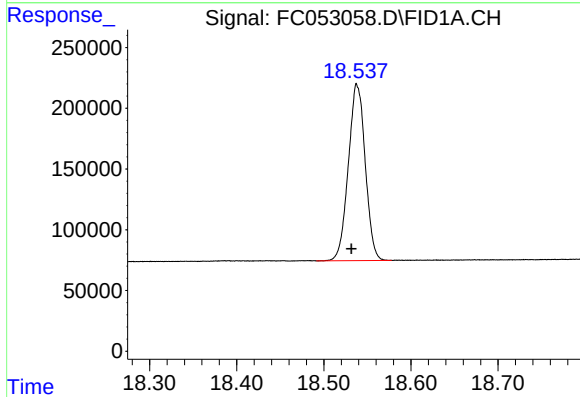
R.T.: 16.819 min
Delta R.T.: 0.003 min
Response: 2153456
Conc: 16.16 ug/ml



#17 n-Tricontane (C30)

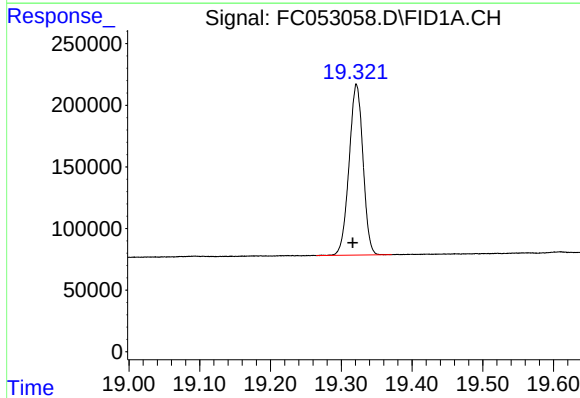
R.T.: 17.706 min
Delta R.T.: 0.004 min
Response: 2064632
Conc: 16.09 ug/ml

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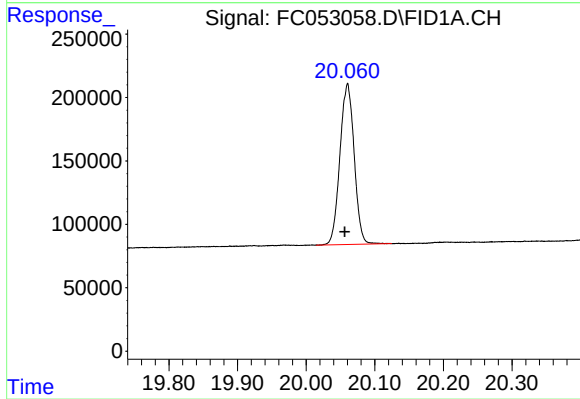
#18 n-Dotriacontane (C32)

R.T.: 18.538 min
Delta R.T.: 0.007 min
Response: 1956507
Conc: 16.38 ug/ml



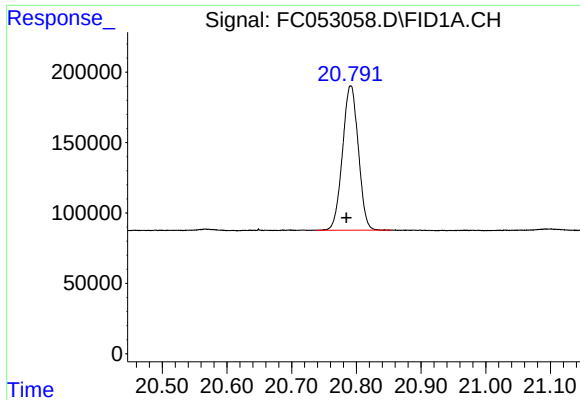
#19 n-Tetratriacontane (C34)

R.T.: 19.322 min
Delta R.T.: 0.005 min
Response: 1891804
Conc: 17.08 ug/ml



#20 n-Hexatriacontane (C36)

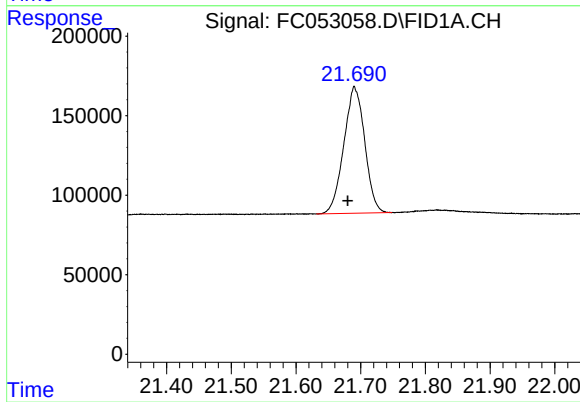
R.T.: 20.060 min
Delta R.T.: 0.004 min
Response: 1825934
Conc: 18.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.791 min
Delta R.T.: 0.006 min
Response: 1743139
Conc: 19.57 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.691 min
Delta R.T.: 0.011 min
Response: 1785491
Conc: 22.30 ug/ml