

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032921AL\
 Data File : FC052811.D
 Signal(s) : FID1A.CH
 Acq On : 29 Mar 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: autoint1.e
 Quant Time: Mar 30 00:58:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 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)	11.564	2521818	18.814 ug/ml
Spiked Amount 50.000		Recovery =	37.63%
12) S 1-chlorooctadecane (S...	13.002	1954725	18.123 ug/ml
Spiked Amount 50.000		Recovery =	36.25%
Target Compounds			
1) T n-Nonane (C9)	3.320	2471301	21.277 ug/ml
2) T n-Decane (C10)	4.387	2493330	21.277 ug/ml
3) T A~Naphthalene (C11.7)	5.973	2745620	20.971 ug/ml
4) T n-Dodecane (C12)	6.407	2540008	21.155 ug/ml
5) T A~2-methylnaphthalene...	7.031	2783607	20.795 ug/ml
6) T n-Tetradecane (C14)	8.204	2523942	20.868 ug/ml
7) T n-Hexadecane (C16)	9.805	2439657	20.285 ug/ml
8) T n-Octadecane (C18)	11.247	2463256	19.523 ug/ml
10) T n-Eicosane (C20)	12.557	2377861	18.622 ug/ml
11) T n-Heneicosane (C21)	13.170	2311346	18.184 ug/ml
13) T n-Docosane (C22)	13.756	2249598	17.758 ug/ml
14) T n-Tetracosane (C24)	14.858	2131407	17.062 ug/ml
15) T n-Hexacosane (C26)	15.880	2010576	16.697 ug/ml
16) T n-Octacosane (C28)	16.829	1948049	16.896 ug/ml
17) T n-Tricontane (C30)	17.715	1923724	17.657 ug/ml
18) T n-Dotriacontane (C32)	18.548	1901651	18.952 ug/ml
19) T n-Tetratriacontane (C34)	19.332	1911167	20.792 ug/ml
20) T n-Hexatriacontane (C36)	20.072	1879020	20.606 ug/ml
21) T n-Octatriacontane (C38)	20.804	1815526	22.245 ug/ml
22) T n-Tetracontane (C40)	21.708	1859926	21.592 ug/ml

(f)=RT Delta > 1/2 Window

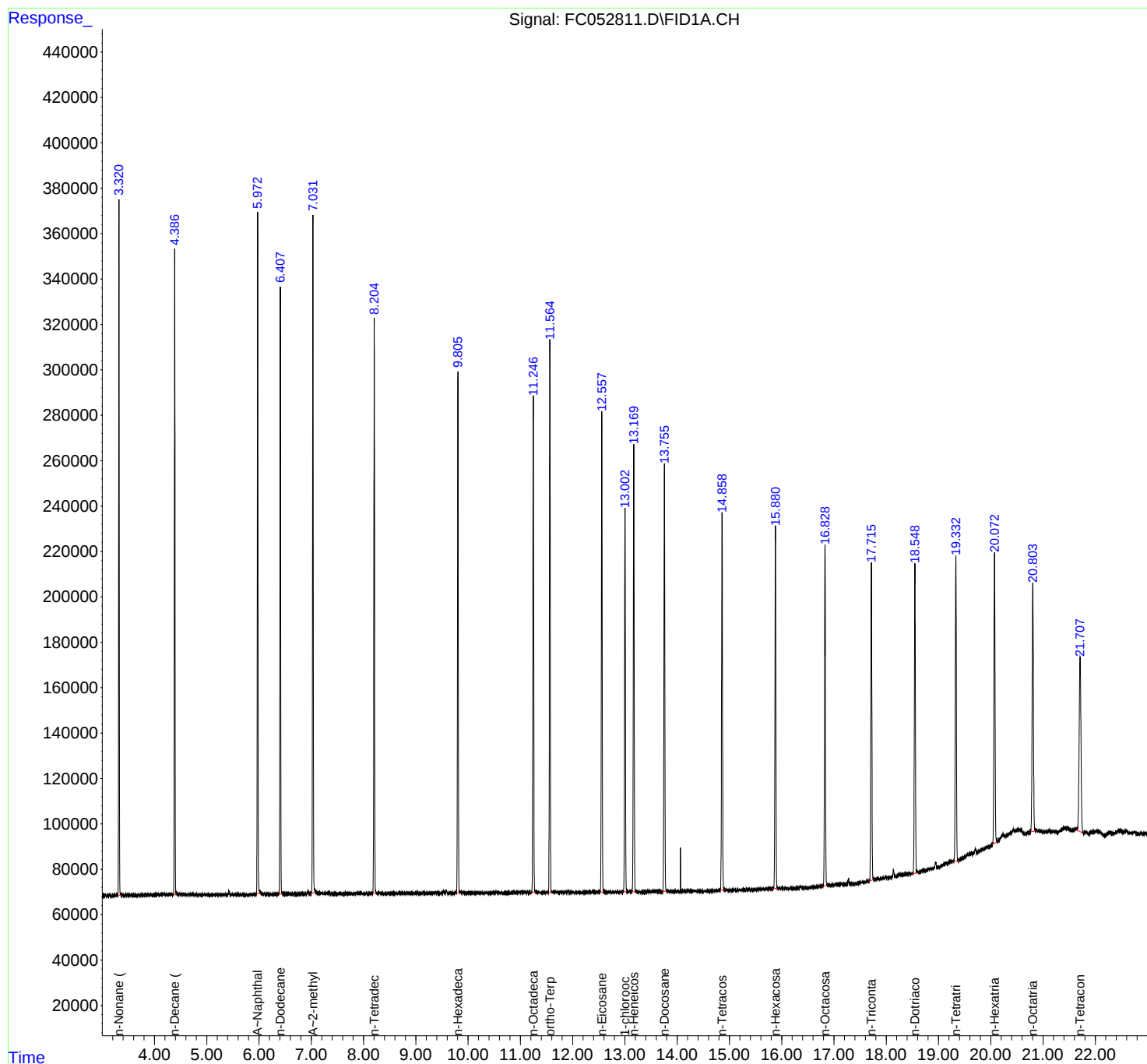
(m)=manual int.

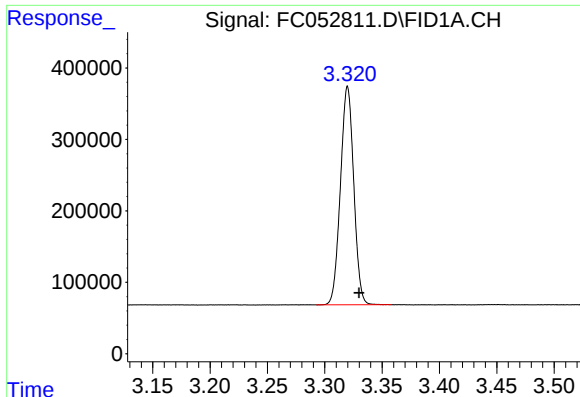
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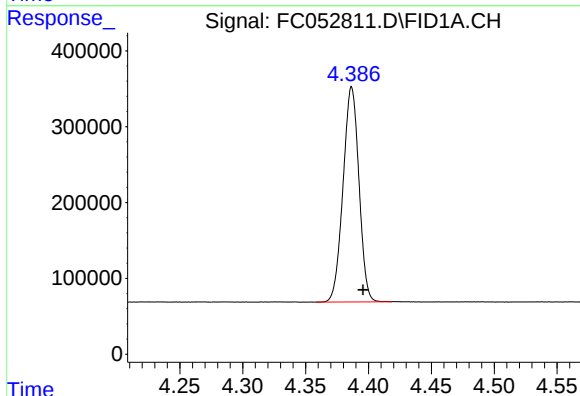




#1 n-Nonane (C9)

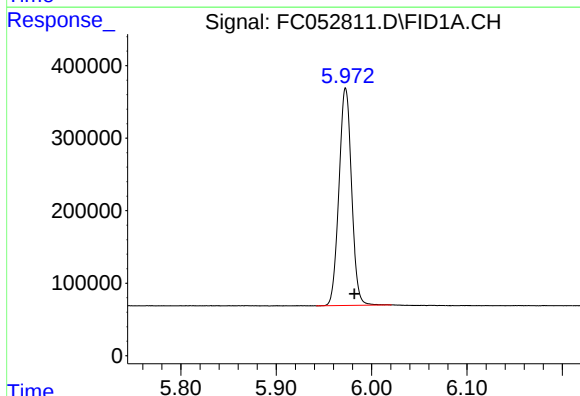
R.T.: 3.320 min
Delta R.T.: -0.010 min
Response: 2471301
Conc: 21.28 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



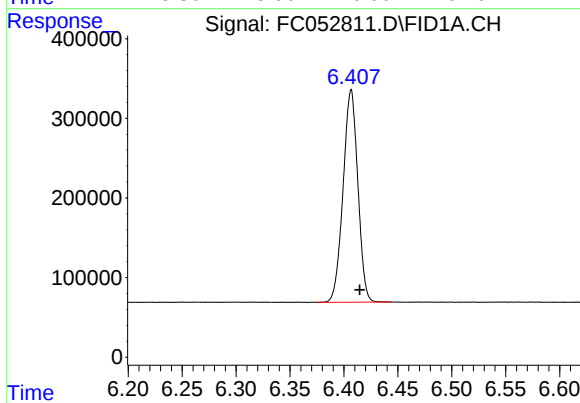
#2 n-Decane (C10)

R.T.: 4.387 min
Delta R.T.: -0.009 min
Response: 2493330
Conc: 21.28 ug/ml



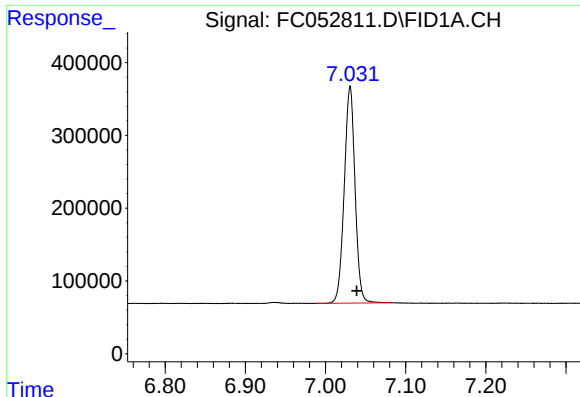
#3 A~Naphthalene (C11.7)

R.T.: 5.973 min
Delta R.T.: -0.009 min
Response: 2745620
Conc: 20.97 ug/ml



#4 n-Dodecane (C12)

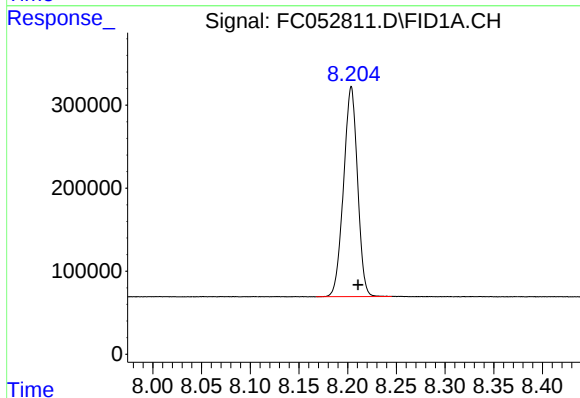
R.T.: 6.407 min
Delta R.T.: -0.008 min
Response: 2540008
Conc: 21.16 ug/ml



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

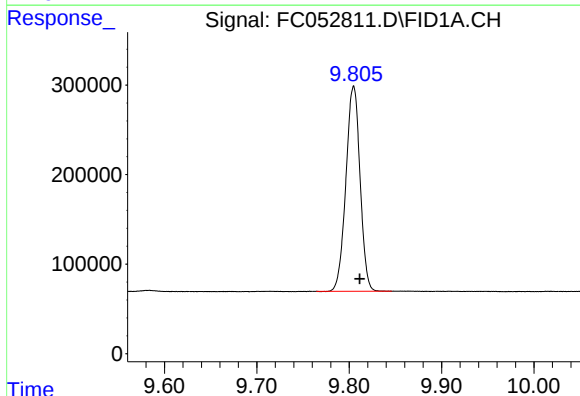
R.T.: 7.031 min
Delta R.T.: -0.008 min
Response: 2783607
Conc: 20.80 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



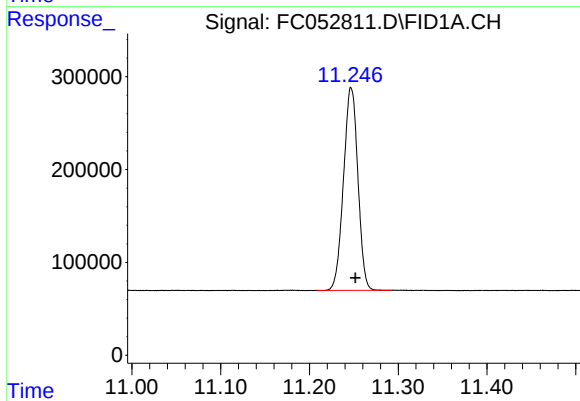
#6 n-Tetradecane (C14)

R.T.: 8.204 min
Delta R.T.: -0.007 min
Response: 2523942
Conc: 20.87 ug/ml



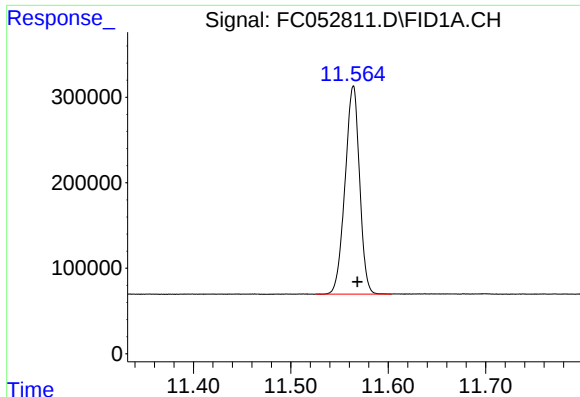
#7 n-Hexadecane (C16)

R.T.: 9.805 min
Delta R.T.: -0.007 min
Response: 2439657
Conc: 20.28 ug/ml



#8 n-Octadecane (C18)

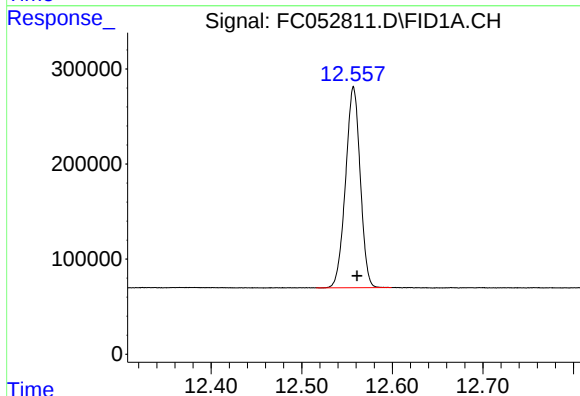
R.T.: 11.247 min
Delta R.T.: -0.005 min
Response: 2463256
Conc: 19.52 ug/ml



#9 ortho-Terphenyl (SURR)

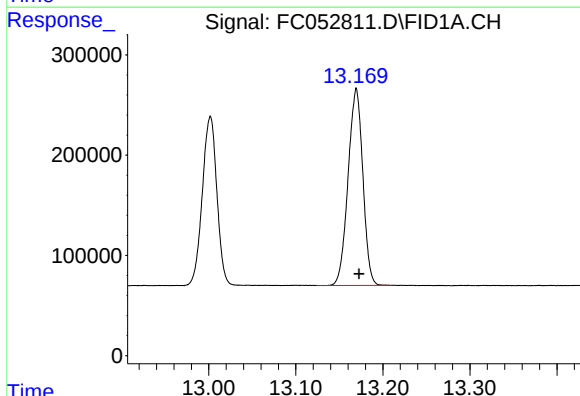
R.T.: 11.564 min
Delta R.T.: -0.004 min
Response: 2521818
Conc: 18.81 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



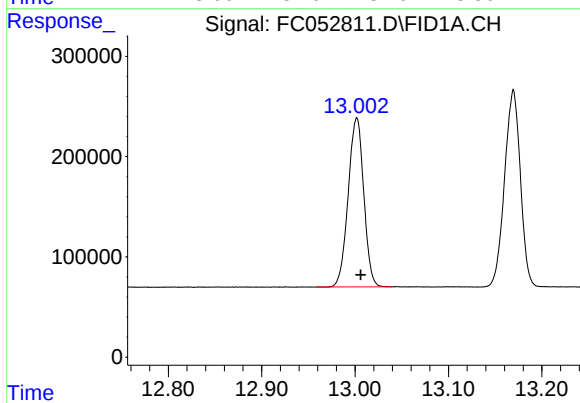
#10 n-Eicosane (C20)

R.T.: 12.557 min
Delta R.T.: -0.004 min
Response: 2377861
Conc: 18.62 ug/ml



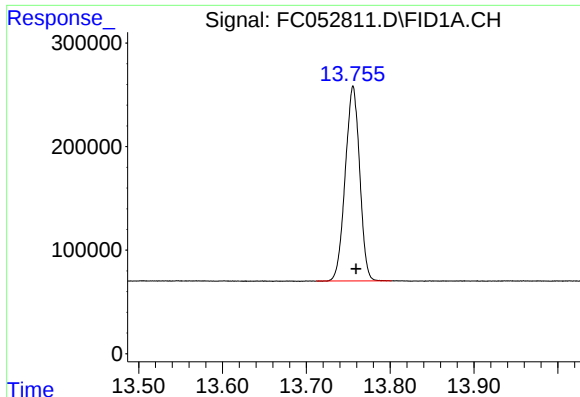
#11 n-Heneicosane (C21)

R.T.: 13.170 min
Delta R.T.: -0.003 min
Response: 2311346
Conc: 18.18 ug/ml



#12 1-chlorooctadecane (SURR)

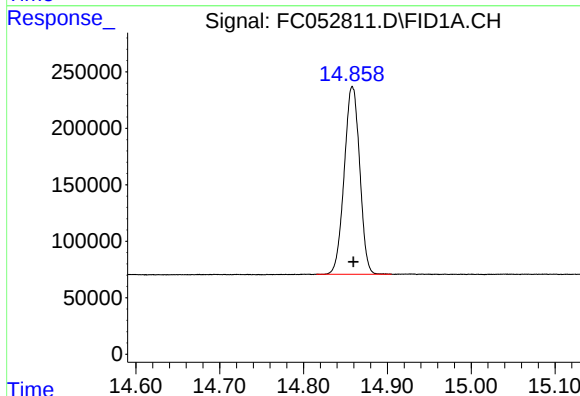
R.T.: 13.002 min
Delta R.T.: -0.004 min
Response: 1954725
Conc: 18.12 ug/ml



#13 n-Docosane (C22)

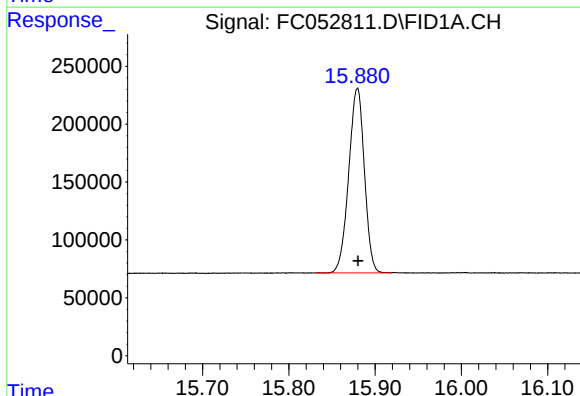
R.T.: 13.756 min
Delta R.T.: -0.004 min
Response: 2249598
Conc: 17.76 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



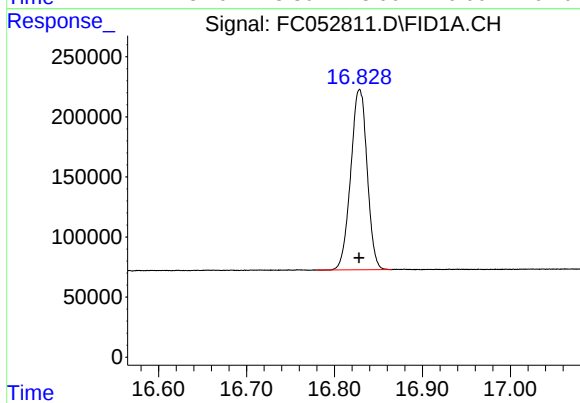
#14 n-Tetracosane (C24)

R.T.: 14.858 min
Delta R.T.: -0.001 min
Response: 2131407
Conc: 17.06 ug/ml



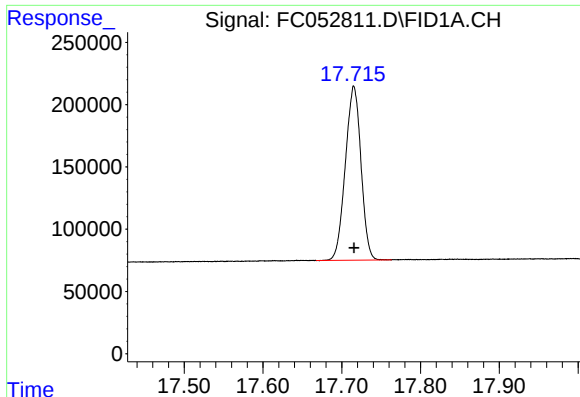
#15 n-Hexacosane (C26)

R.T.: 15.880 min
Delta R.T.: 0.000 min
Response: 2010576
Conc: 16.70 ug/ml



#16 n-Octacosane (C28)

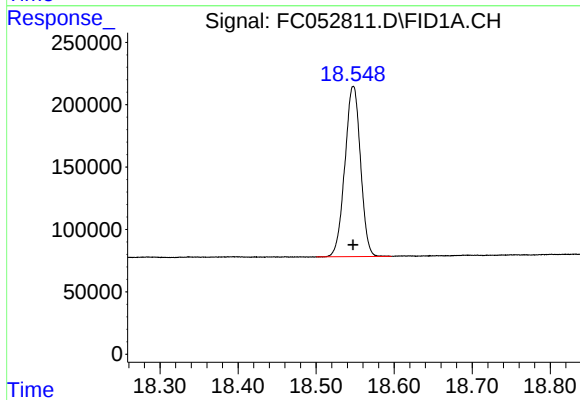
R.T.: 16.829 min
Delta R.T.: 0.000 min
Response: 1948049
Conc: 16.90 ug/ml



#17 n-Tricontane (C30)

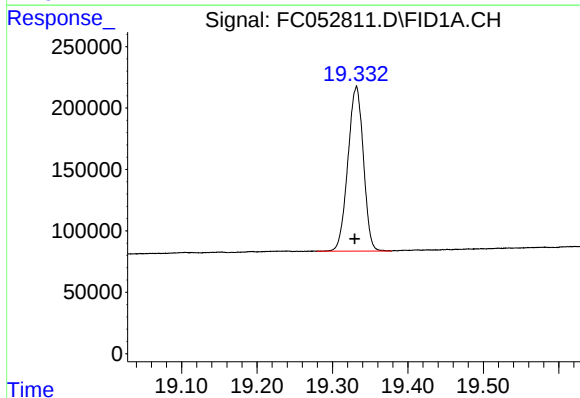
R.T.: 17.715 min
Delta R.T.: 0.000 min
Response: 1923724
Conc: 17.66 ug/ml

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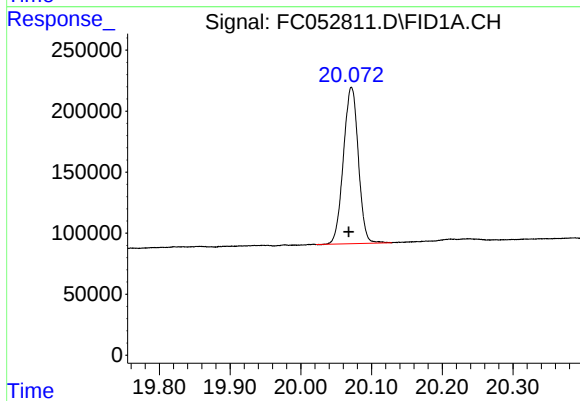
#18 n-Dotriacontane (C32)

R.T.: 18.548 min
Delta R.T.: 0.000 min
Response: 1901651
Conc: 18.95 ug/ml



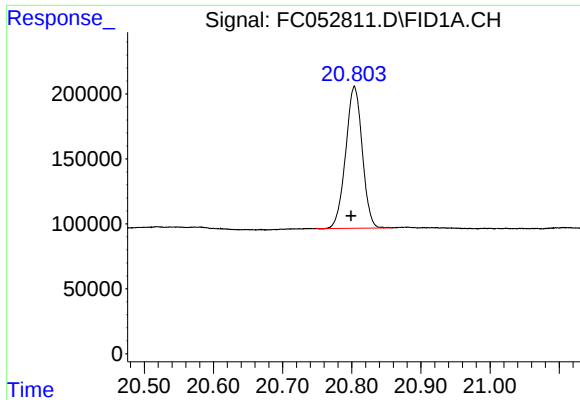
#19 n-Tetratriacontane (C34)

R.T.: 19.332 min
Delta R.T.: 0.002 min
Response: 1911167
Conc: 20.79 ug/ml



#20 n-Hexatriacontane (C36)

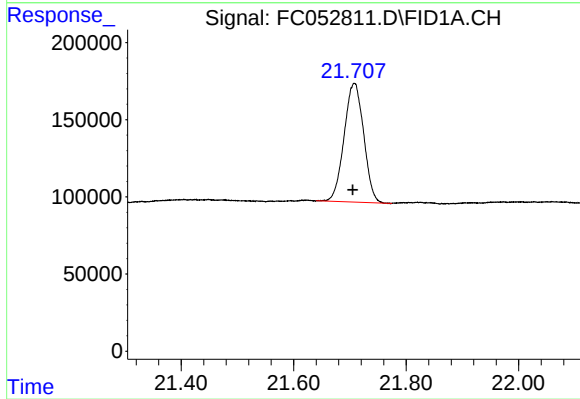
R.T.: 20.072 min
Delta R.T.: 0.004 min
Response: 1879020
Conc: 20.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.804 min
Delta R.T.: 0.005 min
Response: 1815526
Conc: 22.25 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.708 min
Delta R.T.: 0.003 min
Response: 1859926
Conc: 21.59 ug/ml