

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032822AL\
 Data File : FC058935.D
 Signal(s) : FID1A.CH
 Acq On : 28 Mar 2022 21:42
 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: Mar 29 03:37:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:18:46 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)	11.102	2955948	20.516 ug/ml
Spiked Amount 50.000		Recovery =	41.03%
12) S 1-chlorooctadecane (S...	12.549	2289925	20.429 ug/ml
Spiked Amount 50.000		Recovery =	40.86%
Target Compounds			
1) T n-Nonane (C9)	2.963	2497608	20.381 ug/ml
2) T n-Decane (C10)	4.005	2508171	20.467 ug/ml
3) T A~Naphthalene (C11.7)	5.553	2579198	20.542 ug/ml
4) T n-Dodecane (C12)	6.004	2651386	20.758 ug/ml
5) T A~2-methylnaphthalene...	6.601	2651177	20.680 ug/ml
6) T n-Tetradecane (C14)	7.787	2690569	20.693 ug/ml
7) T n-Hexadecane (C16)	9.378	2702572	20.352 ug/ml
8) T n-Octadecane (C18)	10.811	2703158	20.331 ug/ml
10) T n-Eicosane (C20)	12.113	2674952	20.416 ug/ml
11) T n-Heneicosane (C21)	12.721	2675918	20.508 ug/ml
13) T n-Docosane (C22)	13.304	2650672	20.461 ug/ml
14) T n-Tetracosane (C24)	14.402	2591535	20.515 ug/ml
15) T n-Hexacosane (C26)	15.417	2467548	20.428 ug/ml
16) T n-Octacosane (C28)	16.362	2415153	20.396 ug/ml
17) T n-Tricontane (C30)	17.245	2320371	20.340 ug/ml
18) T n-Dotriacontane (C32)	18.075	2186744	20.412 ug/ml
19) T n-Tetratriacontane (C34)	18.854	2056514	20.354 ug/ml
20) T n-Hexatriacontane (C36)	19.592	1937179	20.274 ug/ml
21) T n-Octatriacontane (C38)	20.290	1873468	20.360 ug/ml
22) T n-Tetracontane (C40)	21.031	1887655	20.311 ug/ml

(f)=RT Delta > 1/2 Window

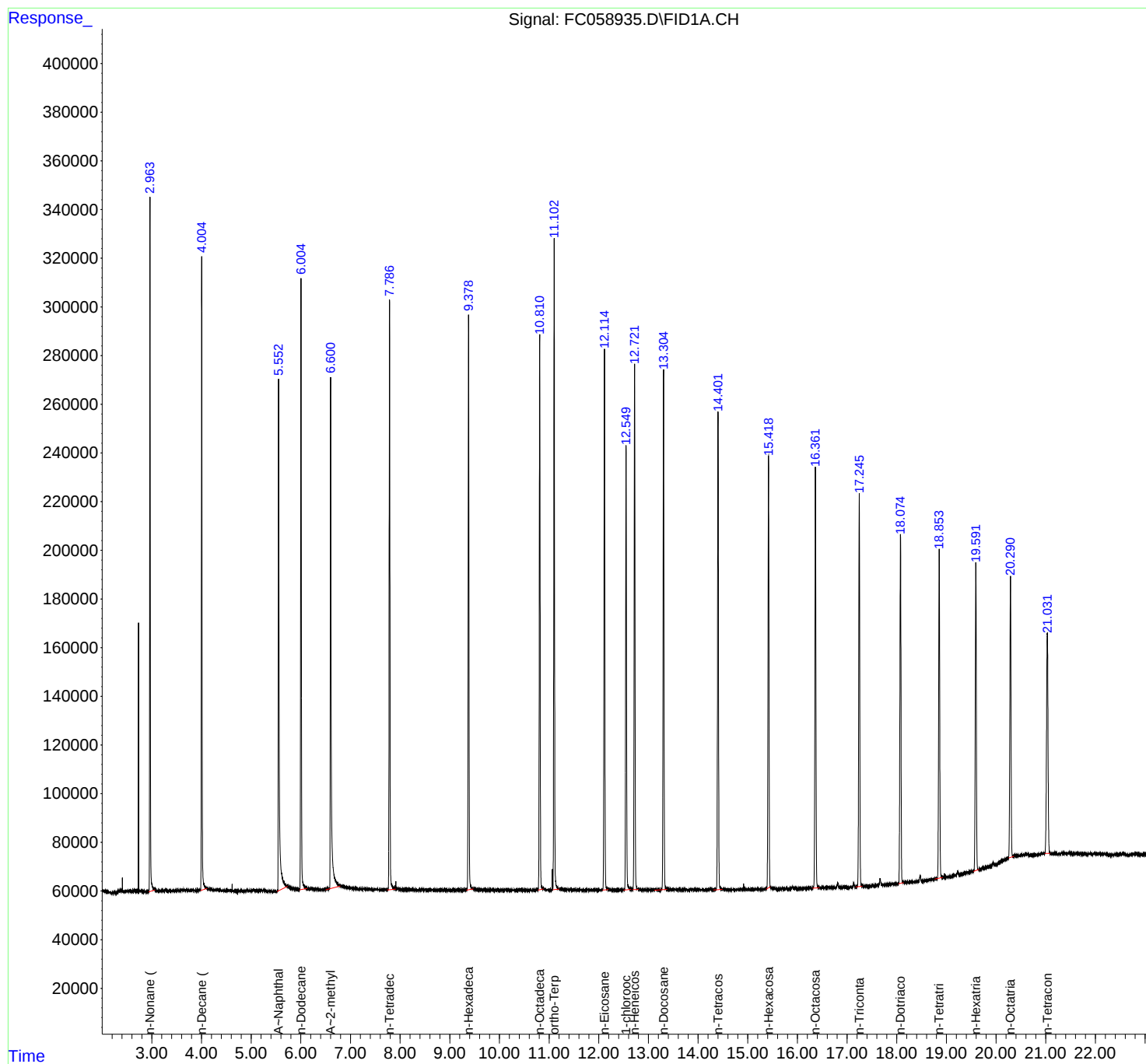
(m)=manual int.

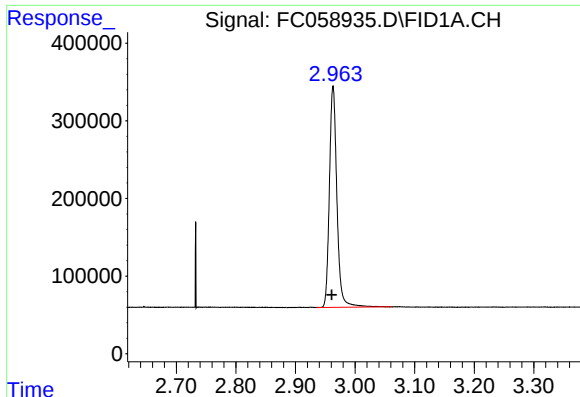
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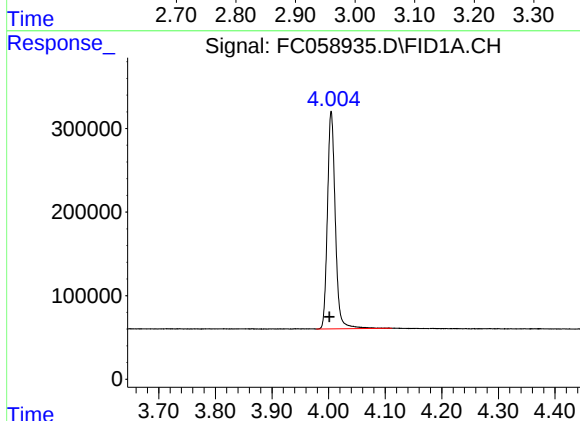




#1 n-Nonane (C9)

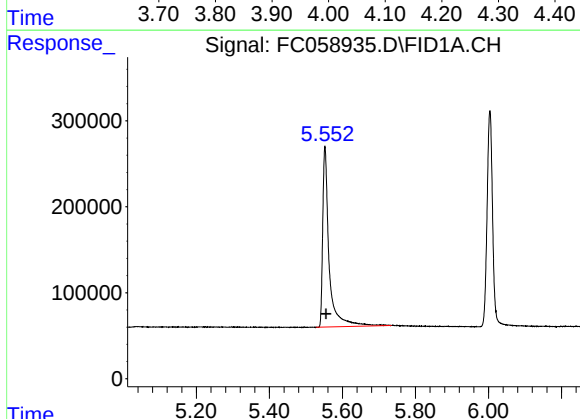
R.T.: 2.963 min
Delta R.T.: 0.002 min
Response: 2497608
Conc: 20.38 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



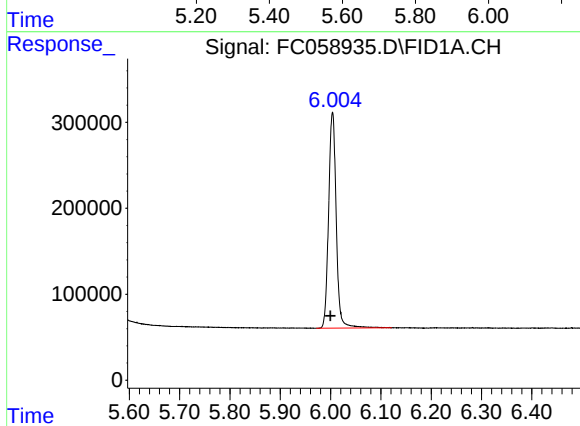
#2 n-Decane (C10)

R.T.: 4.005 min
Delta R.T.: 0.003 min
Response: 2508171
Conc: 20.47 ug/ml



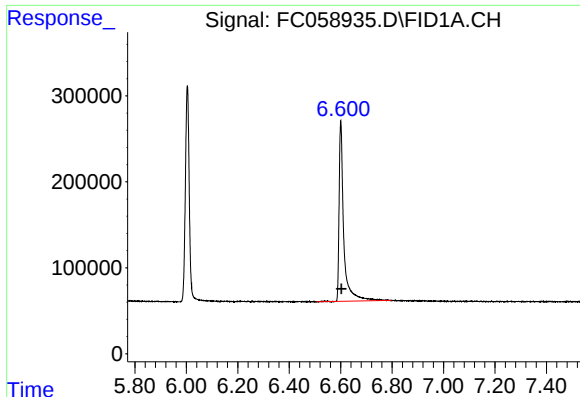
#3 A~Naphthalene (C11.7)

R.T.: 5.553 min
Delta R.T.: -0.003 min
Response: 2579198
Conc: 20.54 ug/ml



#4 n-Dodecane (C12)

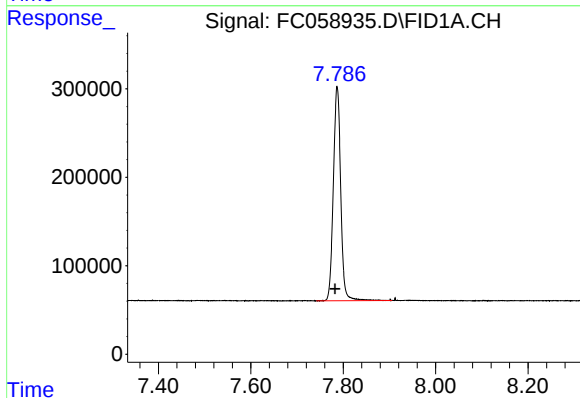
R.T.: 6.004 min
Delta R.T.: 0.004 min
Response: 2651386
Conc: 20.76 ug/ml



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

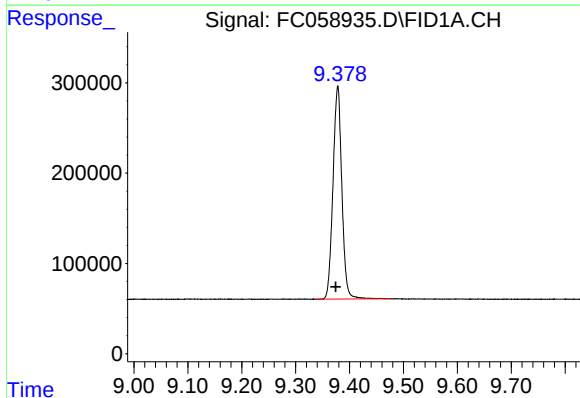
R.T.: 6.601 min
Delta R.T.: -0.002 min
Response: 2651177
Conc: 20.68 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



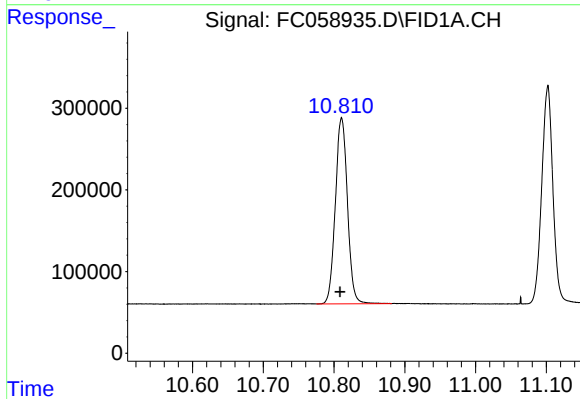
#6 n-Tetradecane (C14)

R.T.: 7.787 min
Delta R.T.: 0.005 min
Response: 2690569
Conc: 20.69 ug/ml



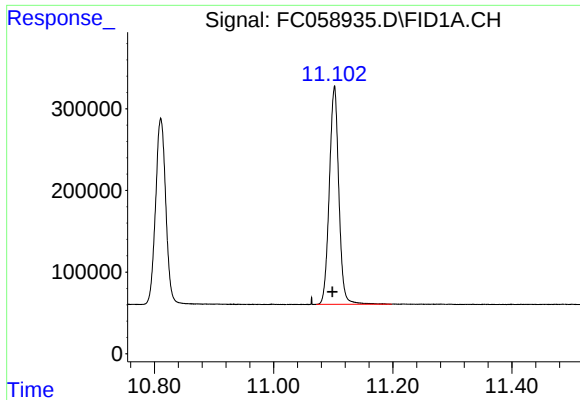
#7 n-Hexadecane (C16)

R.T.: 9.378 min
Delta R.T.: 0.003 min
Response: 2702572
Conc: 20.35 ug/ml



#8 n-Octadecane (C18)

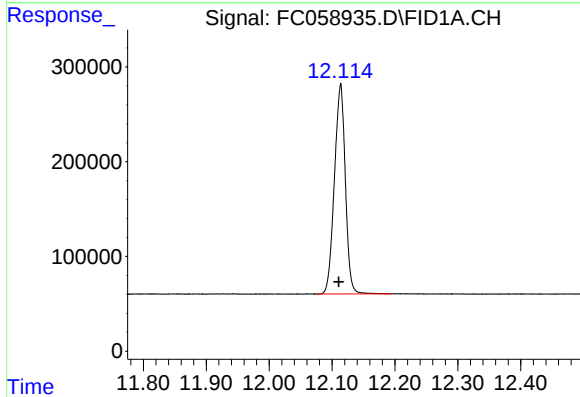
R.T.: 10.811 min
Delta R.T.: 0.002 min
Response: 2703158
Conc: 20.33 ug/ml



#9 ortho-Terphenyl (SURR)

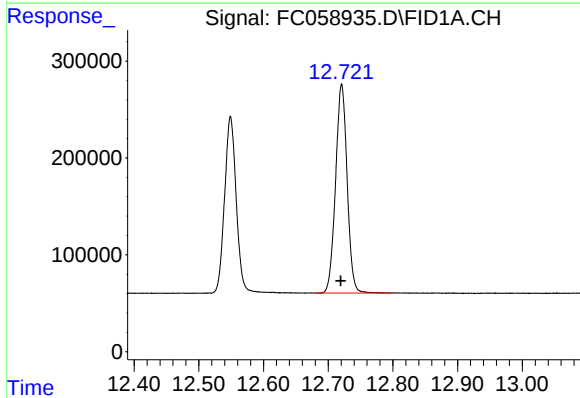
R.T.: 11.102 min
Delta R.T.: 0.003 min
Response: 2955948
Conc: 20.52 ug/ml

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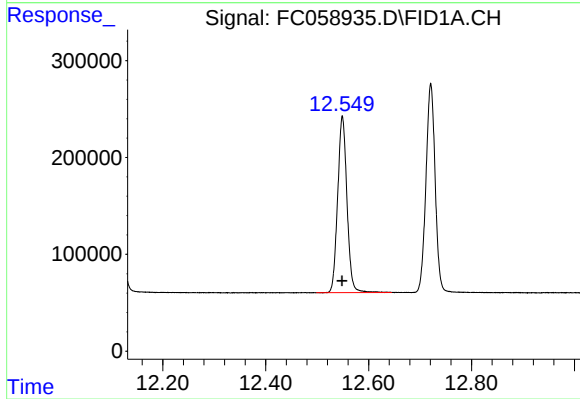
#10 n-Eicosane (C20)

R.T.: 12.113 min
Delta R.T.: 0.003 min
Response: 2674952
Conc: 20.42 ug/ml



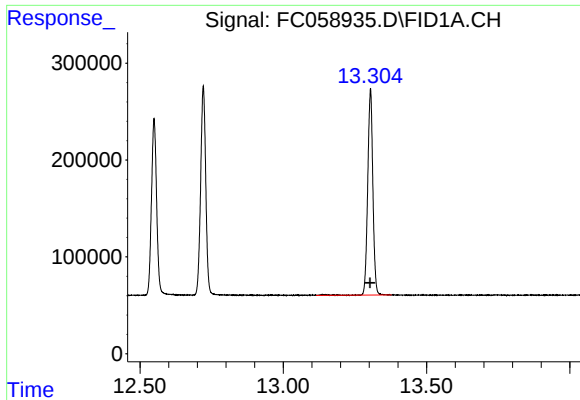
#11 n-Heneicosane (C21)

R.T.: 12.721 min
Delta R.T.: 0.001 min
Response: 2675918
Conc: 20.51 ug/ml



#12 1-chlorooctadecane (SURR)

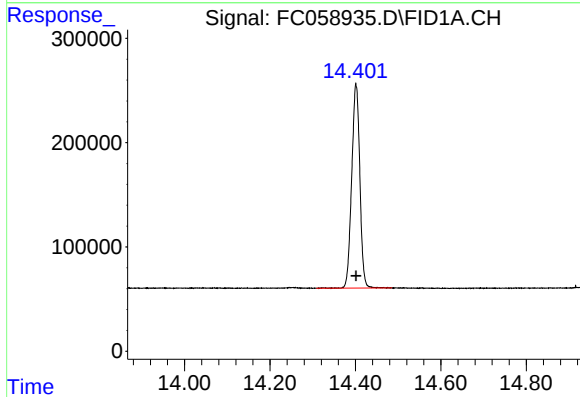
R.T.: 12.549 min
Delta R.T.: 0.000 min
Response: 2289925
Conc: 20.43 ug/ml



#13 n-Docosane (C22)

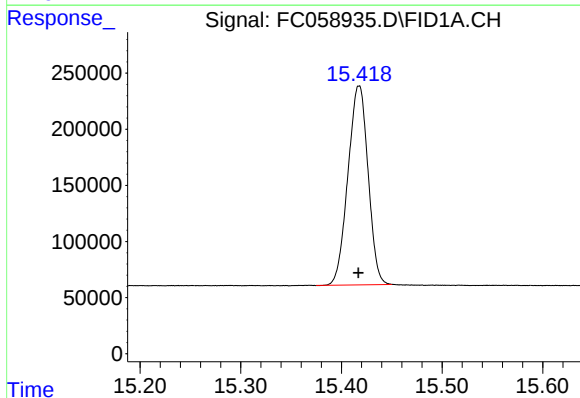
R.T.: 13.304 min
Delta R.T.: 0.002 min
Response: 2650672
Conc: 20.46 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



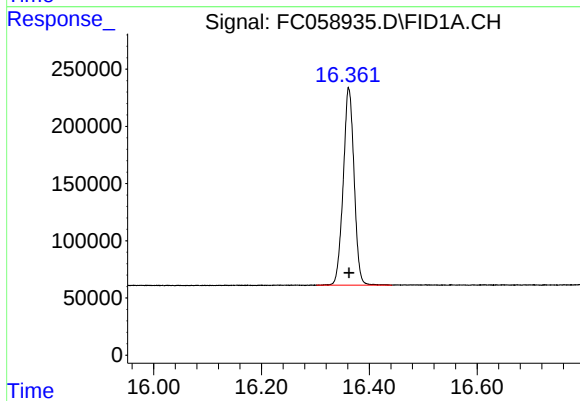
#14 n-Tetracosane (C24)

R.T.: 14.402 min
Delta R.T.: 0.000 min
Response: 2591535
Conc: 20.51 ug/ml



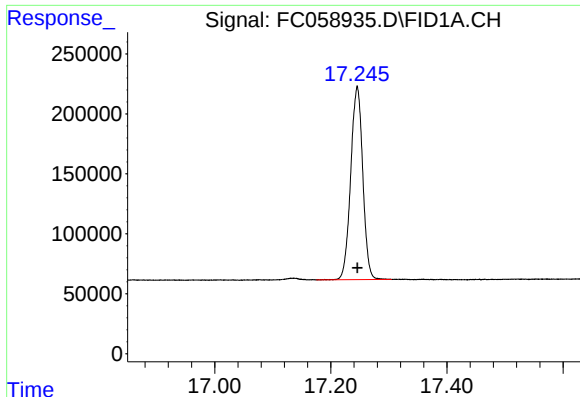
#15 n-Hexacosane (C26)

R.T.: 15.417 min
Delta R.T.: 0.000 min
Response: 2467548
Conc: 20.43 ug/ml



#16 n-Octacosane (C28)

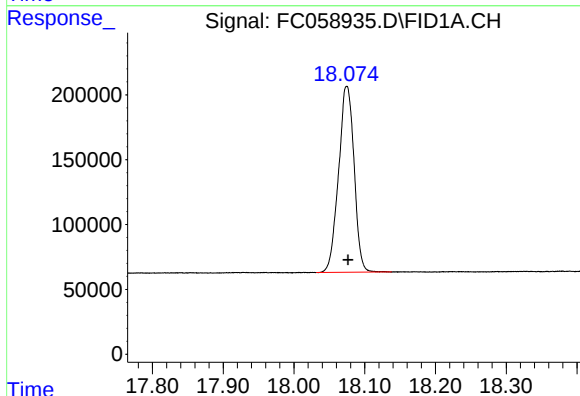
R.T.: 16.362 min
Delta R.T.: 0.000 min
Response: 2415153
Conc: 20.40 ug/ml



#17 n-Tricontane (C30)

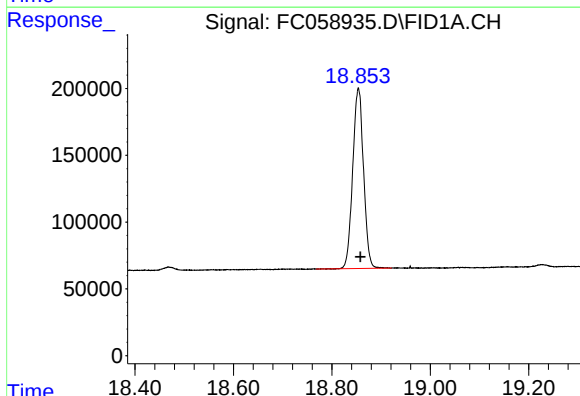
R.T.: 17.245 min
Delta R.T.: 0.000 min
Response: 2320371
Conc: 20.34 ug/ml

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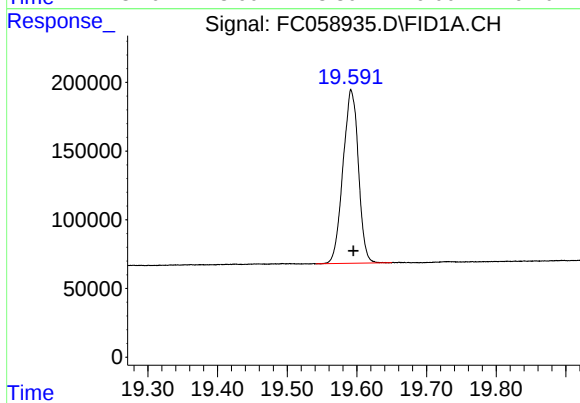
#18 n-Dotriacontane (C32)

R.T.: 18.075 min
Delta R.T.: -0.002 min
Response: 2186744
Conc: 20.41 ug/ml



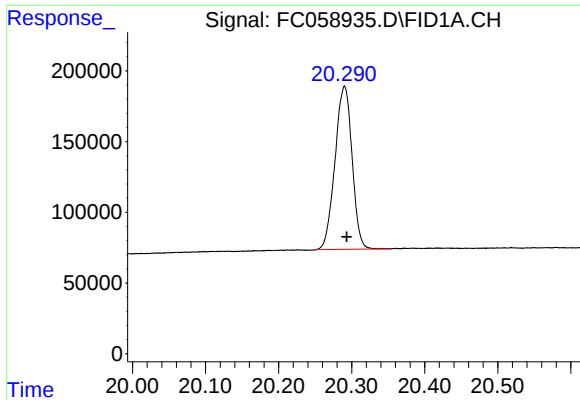
#19 n-Tetratriacontane (C34)

R.T.: 18.854 min
Delta R.T.: -0.004 min
Response: 2056514
Conc: 20.35 ug/ml



#20 n-Hexatriacontane (C36)

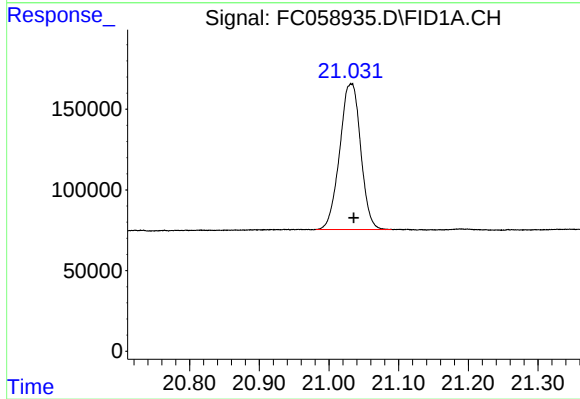
R.T.: 19.592 min
Delta R.T.: -0.003 min
Response: 1937179
Conc: 20.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.290 min
Delta R.T.: -0.003 min
Response: 1873468
Conc: 20.36 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.031 min
Delta R.T.: -0.004 min
Response: 1887655
Conc: 20.31 ug/ml