

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032822AL\
 Data File : FC058920.D
 Signal(s) : FID1A.CH
 Acq On : 28 Mar 2022 11:22
 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 28 14:19:14 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)	11.097	2898925	20.120 ug/ml
Spiked Amount 50.000		Recovery =	40.24%
12) S 1-chlorooctadecane (S...	12.546	2229068	19.886 ug/ml
Spiked Amount 50.000		Recovery =	39.77%
Target Compounds			
1) T n-Nonane (C9)	2.957	2433503	19.858 ug/ml
2) T n-Decane (C10)	4.000	2456701	20.047 ug/ml
3) T A~Naphthalene (C11.7)	5.547	2567412	20.449 ug/ml
4) T n-Dodecane (C12)	5.998	2569090	20.114 ug/ml
5) T A~2-methylnaphthalene...	6.596	2538035	19.798 ug/ml
6) T n-Tetradecane (C14)	7.782	2607913	20.058 ug/ml
7) T n-Hexadecane (C16)	9.374	2652144	19.972 ug/ml
8) T n-Octadecane (C18)	10.807	2670978	20.089 ug/ml
10) T n-Eicosane (C20)	12.109	2640267	20.151 ug/ml
11) T n-Heneicosane (C21)	12.718	2631613	20.169 ug/ml
13) T n-Docosane (C22)	13.301	2601666	20.083 ug/ml
14) T n-Tetracosane (C24)	14.398	2549209	20.180 ug/ml
15) T n-Hexacosane (C26)	15.415	2434746	20.156 ug/ml
16) T n-Octacosane (C28)	16.360	2365960	19.981 ug/ml
17) T n-Tricontane (C30)	17.243	2271110	19.909 ug/ml
18) T n-Dotriacontane (C32)	18.070	2145772	20.030 ug/ml
19) T n-Tetratriacontane (C34)	18.851	2010719	19.901 ug/ml
20) T n-Hexatriacontane (C36)	19.588	1906375	19.952 ug/ml
21) T n-Octatriacontane (C38)	20.286	1815241	19.727 ug/ml
22) T n-Tetracontane (C40)	21.026	1829389	19.684 ug/ml

(f)=RT Delta > 1/2 Window

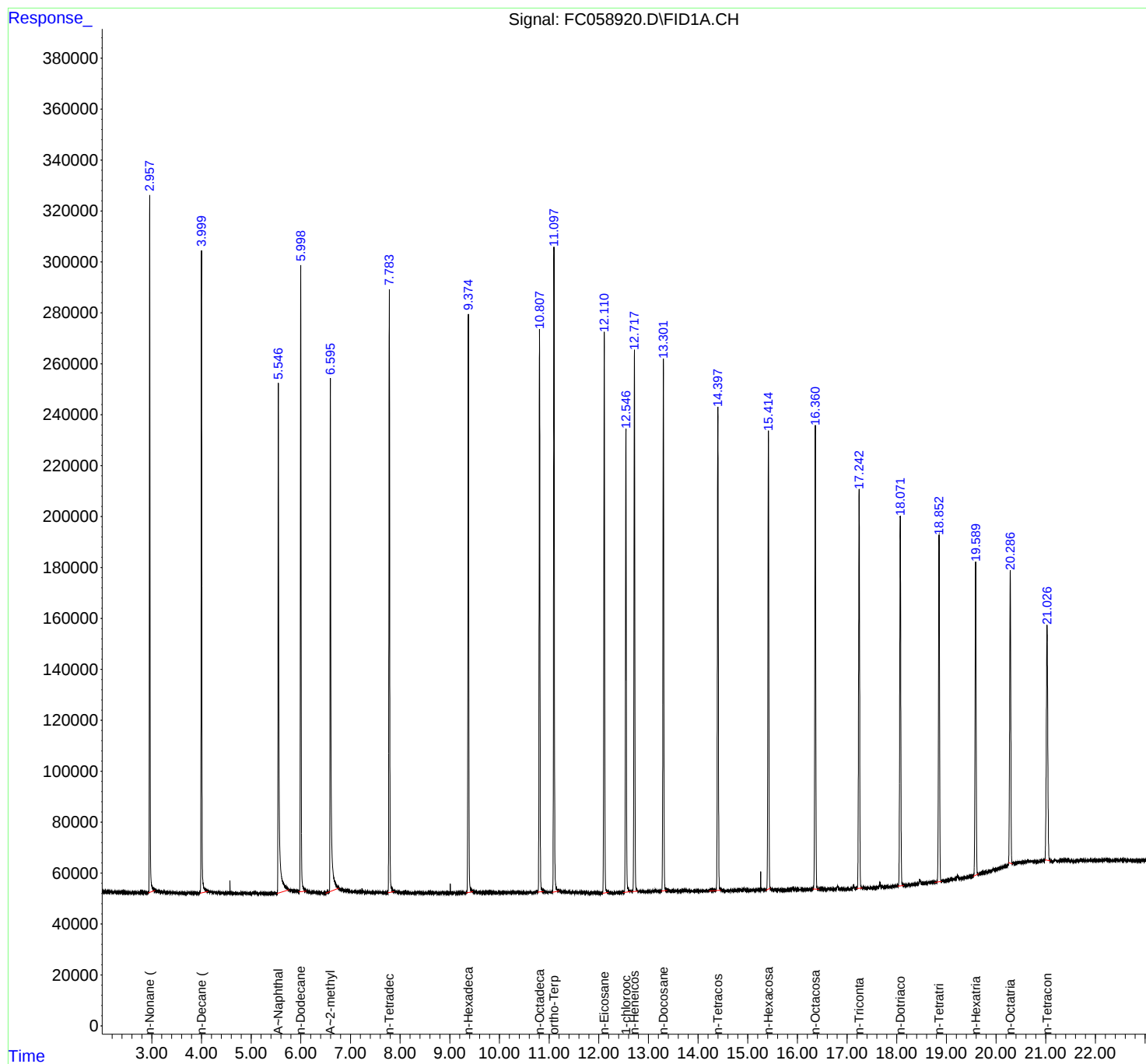
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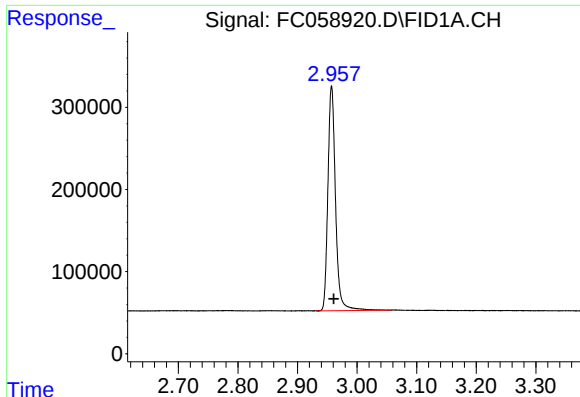
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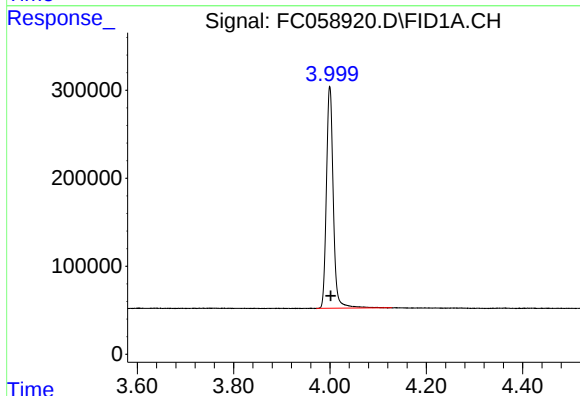




#1 n-Nonane (C9)

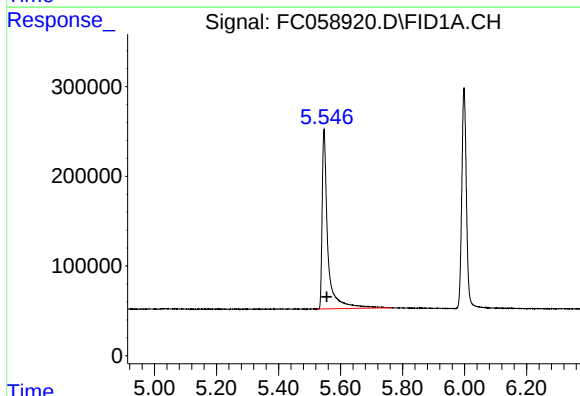
R.T.: 2.957 min
Delta R.T.: -0.004 min
Response: 2433503
Conc: 19.86 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



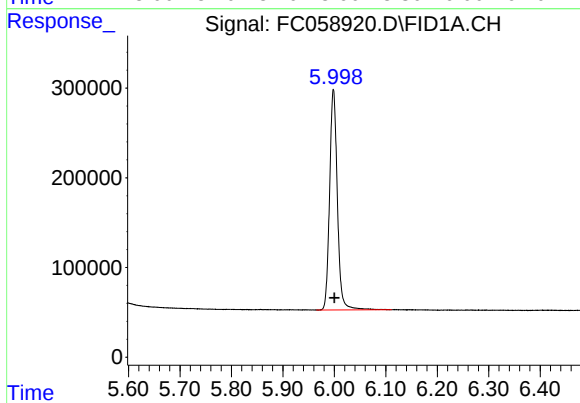
#2 n-Decane (C10)

R.T.: 4.000 min
Delta R.T.: -0.002 min
Response: 2456701
Conc: 20.05 ug/ml



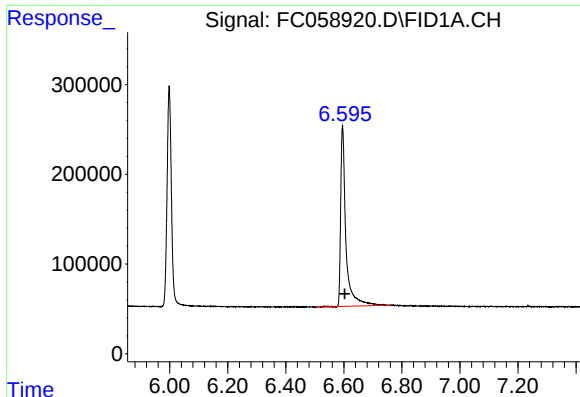
#3 A~Naphthalene (C11.7)

R.T.: 5.547 min
Delta R.T.: -0.008 min
Response: 2567412
Conc: 20.45 ug/ml



#4 n-Dodecane (C12)

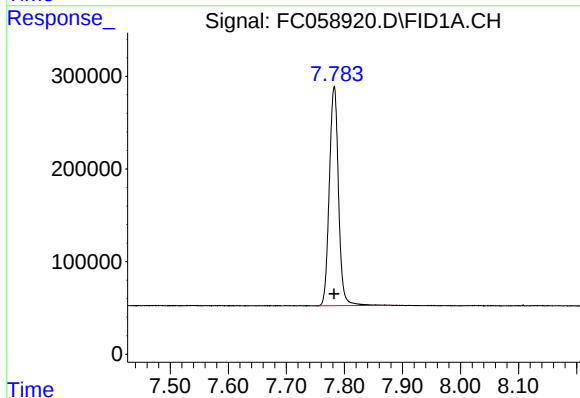
R.T.: 5.998 min
Delta R.T.: -0.002 min
Response: 2569090
Conc: 20.11 ug/ml



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

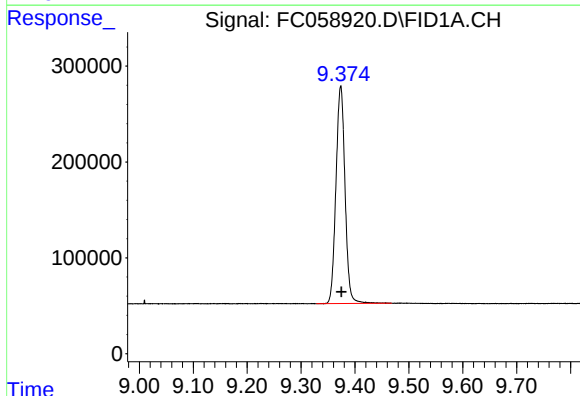
R.T.: 6.596 min
Delta R.T.: -0.007 min
Response: 2538035
Conc: 19.80 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



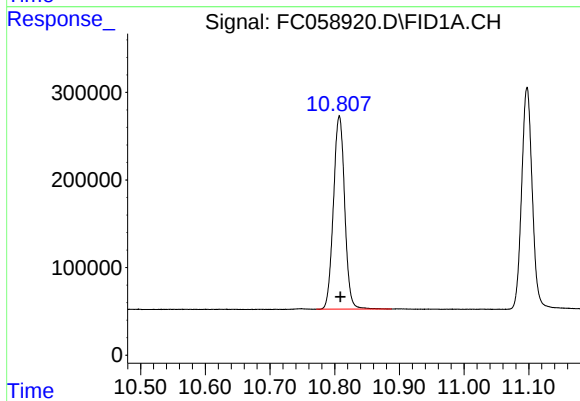
#6 n-Tetradecane (C14)

R.T.: 7.782 min
Delta R.T.: 0.000 min
Response: 2607913
Conc: 20.06 ug/ml



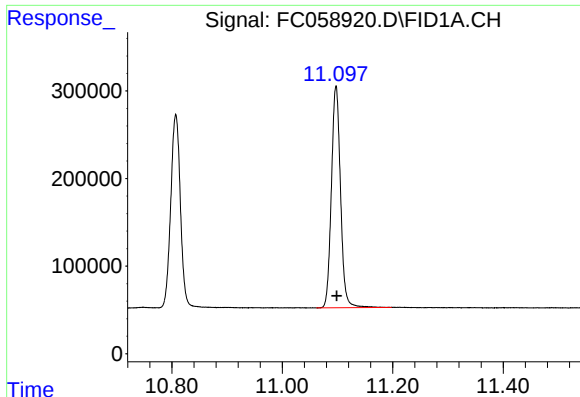
#7 n-Hexadecane (C16)

R.T.: 9.374 min
Delta R.T.: 0.000 min
Response: 2652144
Conc: 19.97 ug/ml



#8 n-Octadecane (C18)

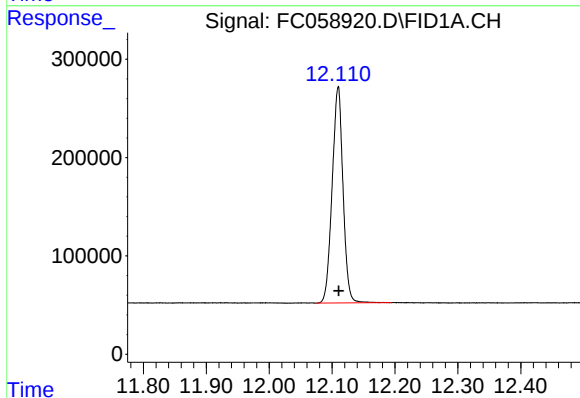
R.T.: 10.807 min
Delta R.T.: -0.001 min
Response: 2670978
Conc: 20.09 ug/ml



#9 ortho-Terphenyl (SURR)

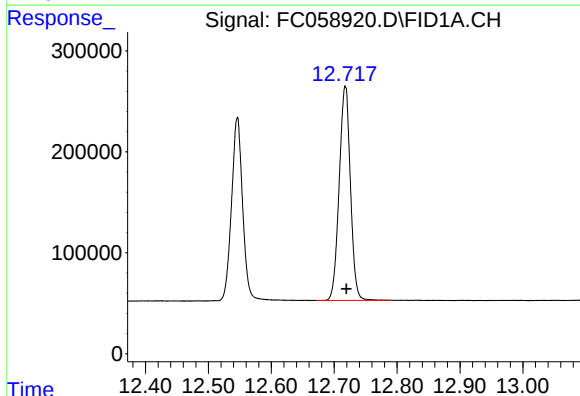
R.T.: 11.097 min
Delta R.T.: -0.001 min
Response: 2898925
Conc: 20.12 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



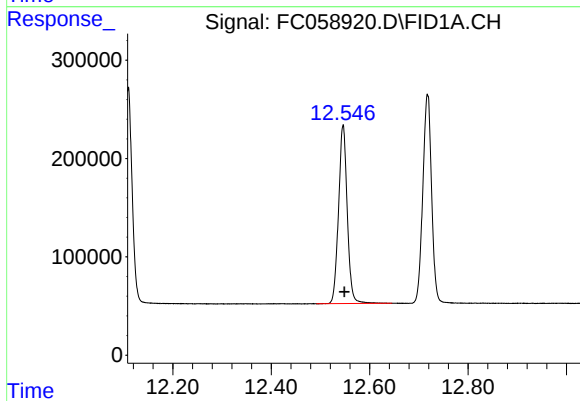
#10 n-Eicosane (C20)

R.T.: 12.109 min
Delta R.T.: -0.001 min
Response: 2640267
Conc: 20.15 ug/ml



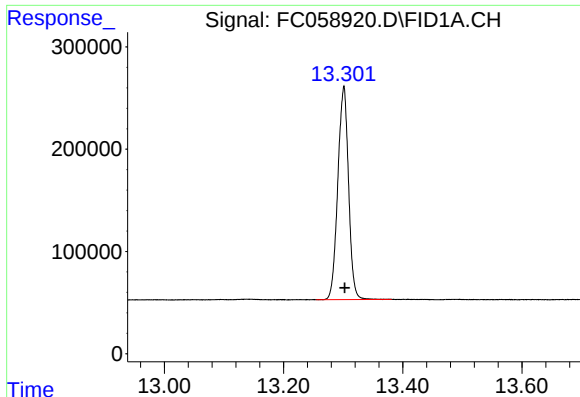
#11 n-Heneicosane (C21)

R.T.: 12.718 min
Delta R.T.: -0.002 min
Response: 2631613
Conc: 20.17 ug/ml



#12 1-chlorooctadecane (SURR)

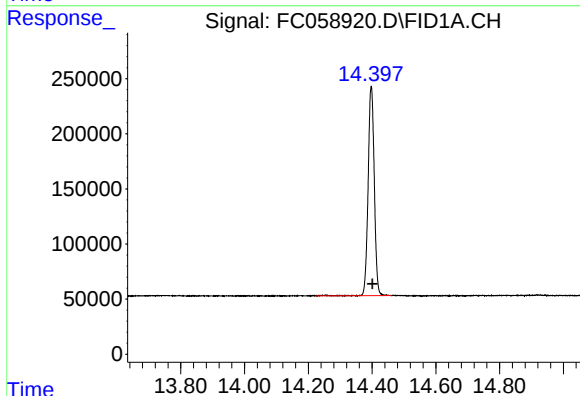
R.T.: 12.546 min
Delta R.T.: -0.003 min
Response: 2229068
Conc: 19.89 ug/ml



#13 n-Docosane (C22)

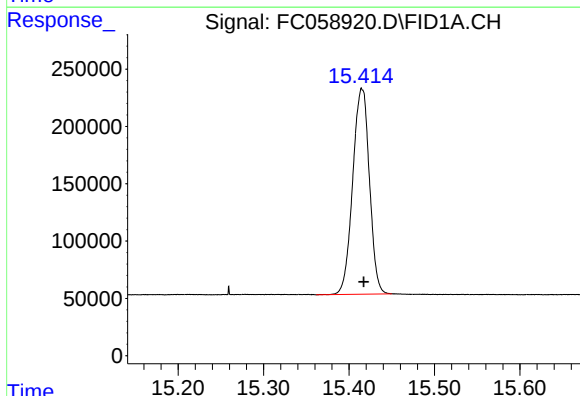
R.T.: 13.301 min
Delta R.T.: -0.002 min
Response: 2601666
Conc: 20.08 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



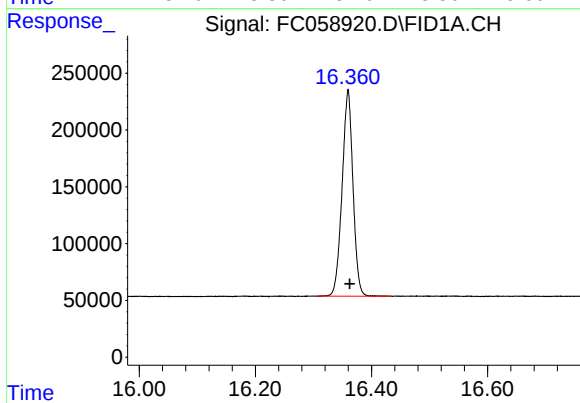
#14 n-Tetracosane (C24)

R.T.: 14.398 min
Delta R.T.: -0.004 min
Response: 2549209
Conc: 20.18 ug/ml



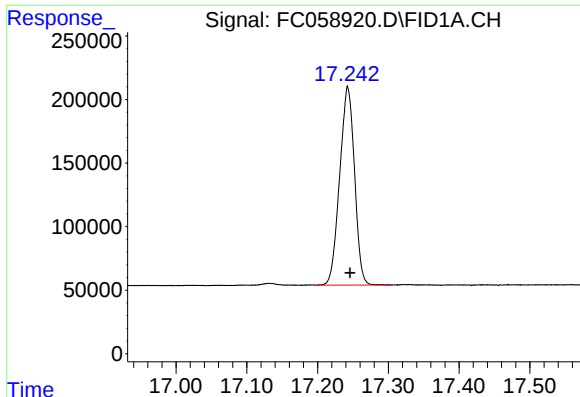
#15 n-Hexacosane (C26)

R.T.: 15.415 min
Delta R.T.: -0.002 min
Response: 2434746
Conc: 20.16 ug/ml



#16 n-Octacosane (C28)

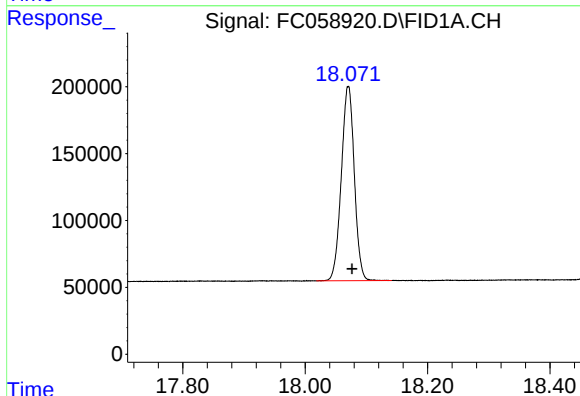
R.T.: 16.360 min
Delta R.T.: -0.003 min
Response: 2365960
Conc: 19.98 ug/ml



#17 n-Tricontane (C30)

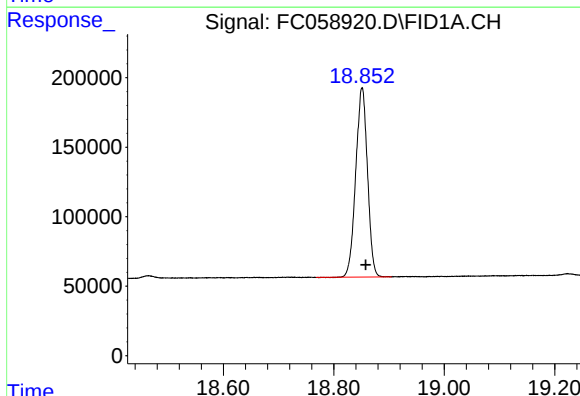
R.T.: 17.243 min
Delta R.T.: -0.003 min
Response: 2271110
Conc: 19.91 ug/ml

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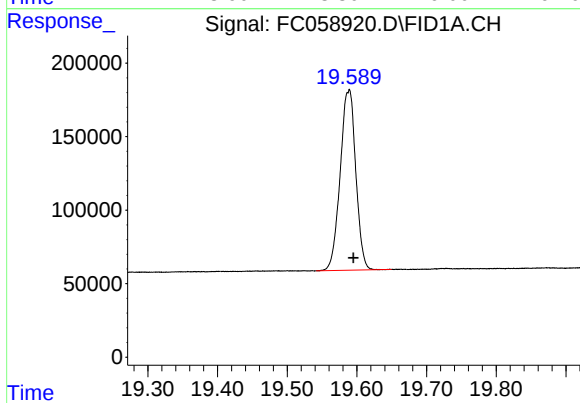
#18 n-Dotriacontane (C32)

R.T.: 18.070 min
Delta R.T.: -0.006 min
Response: 2145772
Conc: 20.03 ug/ml



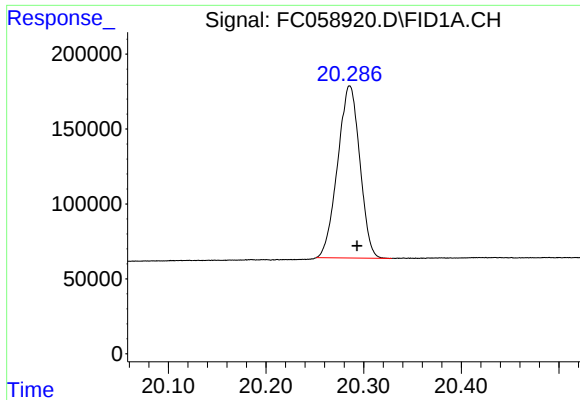
#19 n-Tetratriacontane (C34)

R.T.: 18.851 min
Delta R.T.: -0.007 min
Response: 2010719
Conc: 19.90 ug/ml



#20 n-Hexatriacontane (C36)

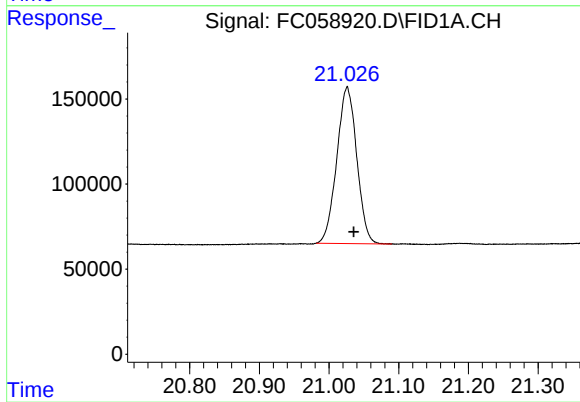
R.T.: 19.588 min
Delta R.T.: -0.007 min
Response: 1906375
Conc: 19.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.286 min
Delta R.T.: -0.007 min
Response: 1815241
Conc: 19.73 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.026 min
Delta R.T.: -0.010 min
Response: 1829389
Conc: 19.68 ug/ml