

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042720AL\
 Data File : FC047155.D
 Signal(s) : FID1A.CH
 Acq On : 27 Apr 2020 16:44
 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 28 00:52:20 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042320.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 23 16:30:34 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)	11.753	2314492	20.800 ug/ml
Spiked Amount 50.000		Recovery =	41.60%
12) S 1-chlorooctadecane (S...	13.168	1820571	20.386 ug/ml
Spiked Amount 50.000		Recovery =	40.77%
Target Compounds			
1) T n-Nonane (C9)	3.552	2088632	21.634 ug/ml
2) T n-Decane (C10)	4.618	2119466	21.972 ug/ml
3) T A~Naphthalene (C11.7)	6.217	2212911	21.967 ug/ml
4) T n-Dodecane (C12)	6.621	2157158	21.940 ug/ml
5) T A~2-methylnaphthalene...	7.265	2208743	22.143 ug/ml
6) T n-Tetradecane (C14)	8.401	2166419	21.936 ug/ml
7) T n-Hexadecane (C16)	9.989	2174371	21.567 ug/ml
8) T n-Octadecane (C18)	11.421	2187543	21.190 ug/ml
10) T n-Eicosane (C20)	12.722	2182006	20.795 ug/ml
11) T n-Heneicosane (C21)	13.330	2178350	20.479 ug/ml
13) T n-Docosane (C22)	13.912	2192618	20.606 ug/ml
14) T n-Tetracosane (C24)	15.009	2247123	20.895 ug/ml
15) T n-Hexacosane (C26)	16.025	2194556	20.341 ug/ml
16) T n-Octacosane (C28)	16.969	2158456	20.194 ug/ml
17) T n-Tricontane (C30)	17.851	2026203	20.248 ug/ml
18) T n-Dotriacontane (C32)	18.679	1555248	20.410 ug/ml
19) T n-Tetratriacontane (C34)	19.457	1116817	19.875 ug/ml
20) T n-Hexatriacontane (C36)	20.192	961554	19.215 ug/ml
21) T n-Octatriacontane (C38)	20.953	884159	19.498 ug/ml
22) T n-Tetracontane (C40)	21.904	941385	20.068 ug/ml

(f)=RT Delta > 1/2 Window

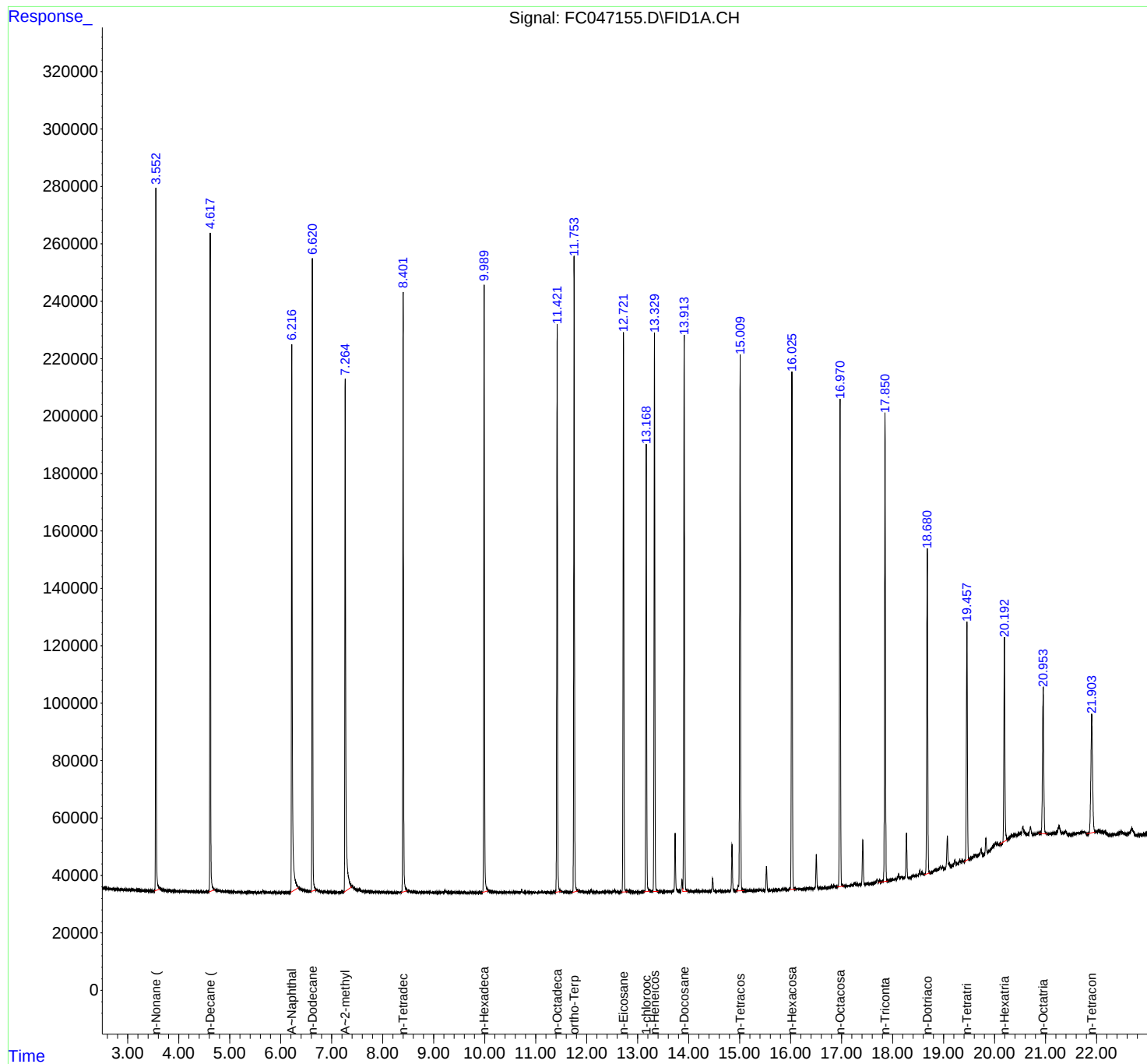
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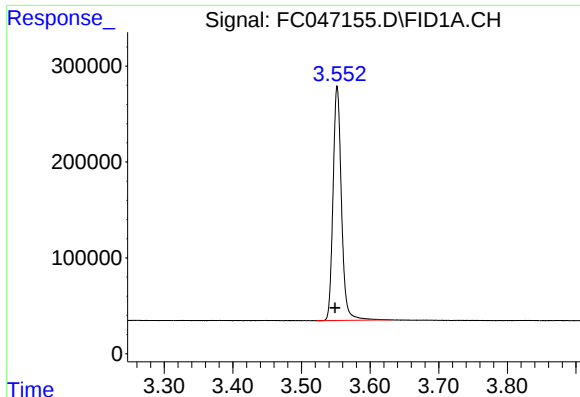
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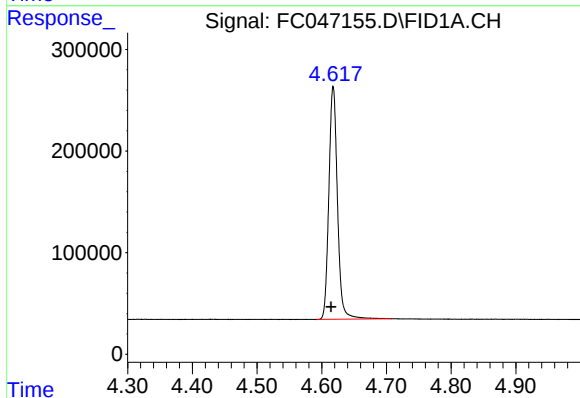




#1 n-Nonane (C9)

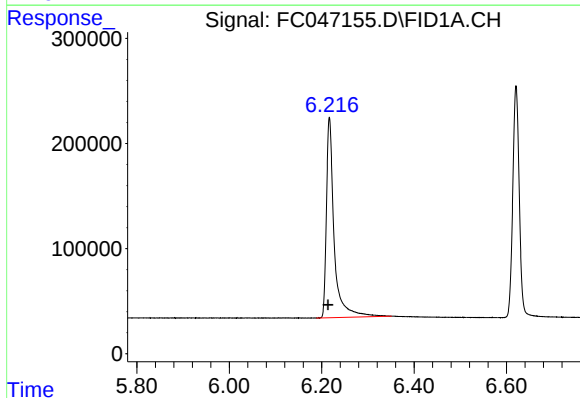
R.T.: 3.552 min
Delta R.T.: 0.003 min
Response: 2088632
Conc: 21.63 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



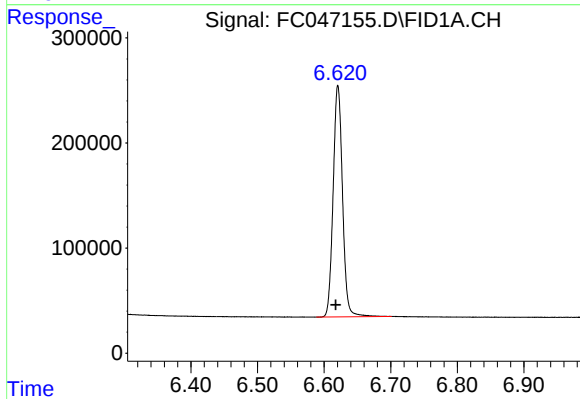
#2 n-Decane (C10)

R.T.: 4.618 min
Delta R.T.: 0.003 min
Response: 2119466
Conc: 21.97 ug/ml



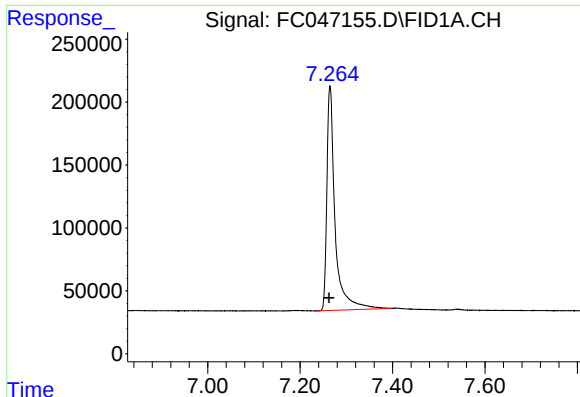
#3 A~Naphthalene (C11.7)

R.T.: 6.217 min
Delta R.T.: 0.003 min
Response: 2212911
Conc: 21.97 ug/ml



#4 n-Dodecane (C12)

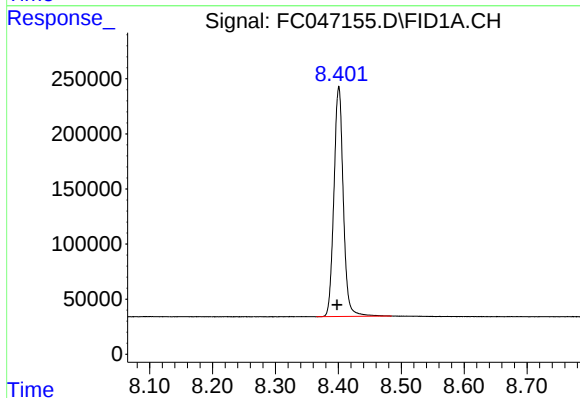
R.T.: 6.621 min
Delta R.T.: 0.003 min
Response: 2157158
Conc: 21.94 ug/ml



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

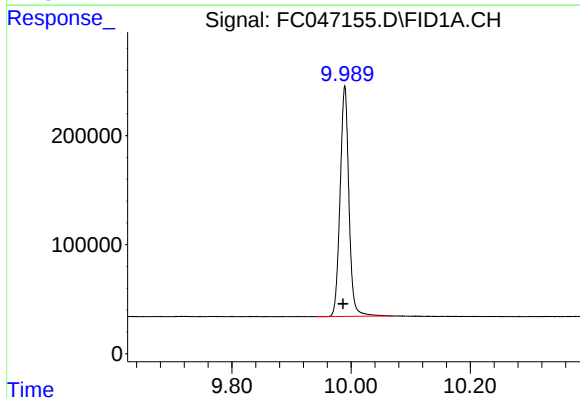
R.T.: 7.265 min
Delta R.T.: 0.003 min
Response: 2208743
Conc: 22.14 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



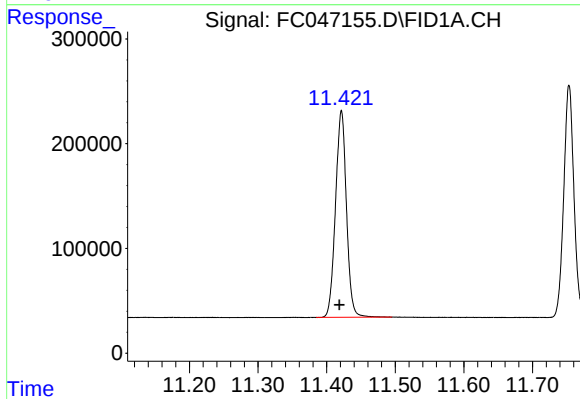
#6 n-Tetradecane (C14)

R.T.: 8.401 min
Delta R.T.: 0.003 min
Response: 2166419
Conc: 21.94 ug/ml



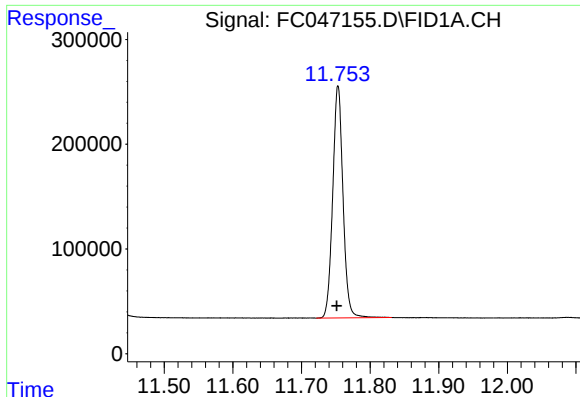
#7 n-Hexadecane (C16)

R.T.: 9.989 min
Delta R.T.: 0.003 min
Response: 2174371
Conc: 21.57 ug/ml



#8 n-Octadecane (C18)

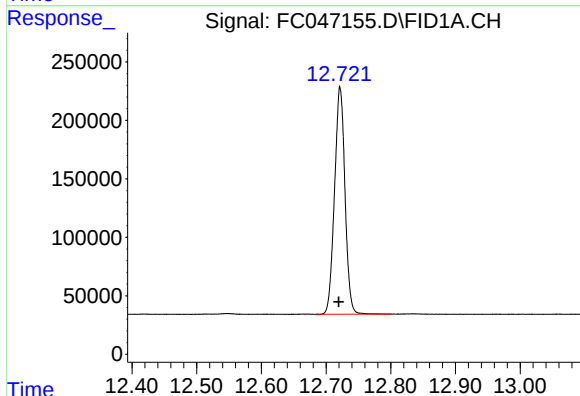
R.T.: 11.421 min
Delta R.T.: 0.003 min
Response: 2187543
Conc: 21.19 ug/ml



#9 ortho-Terphenyl (SURR)

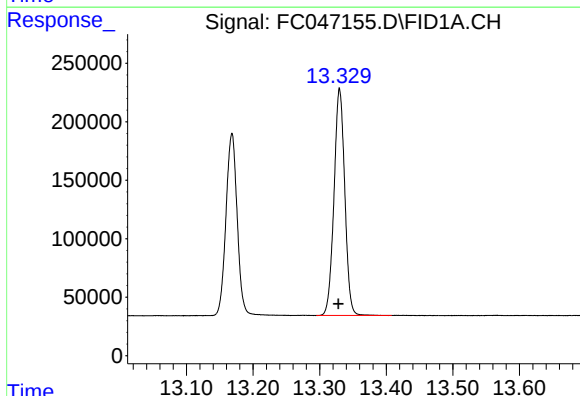
R.T.: 11.753 min
Delta R.T.: 0.002 min
Response: 2314492
Conc: 20.80 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



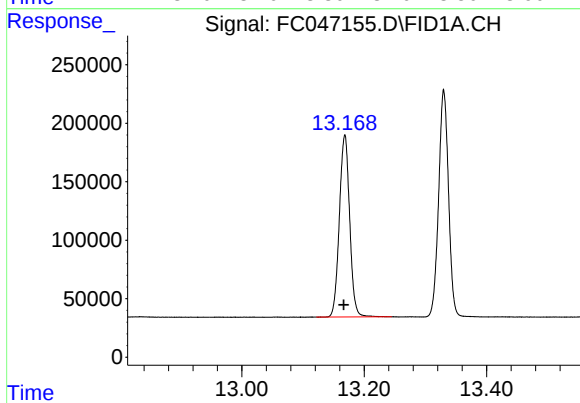
#10 n-Eicosane (C20)

R.T.: 12.722 min
Delta R.T.: 0.002 min
Response: 2182006
Conc: 20.79 ug/ml



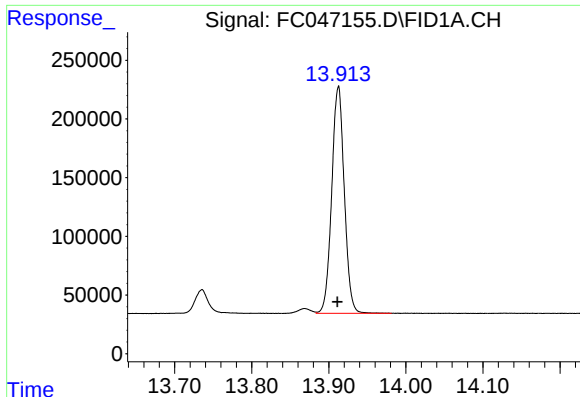
#11 n-Heneicosane (C21)

R.T.: 13.330 min
Delta R.T.: 0.002 min
Response: 2178350
Conc: 20.48 ug/ml



#12 1-chlorooctadecane (SURR)

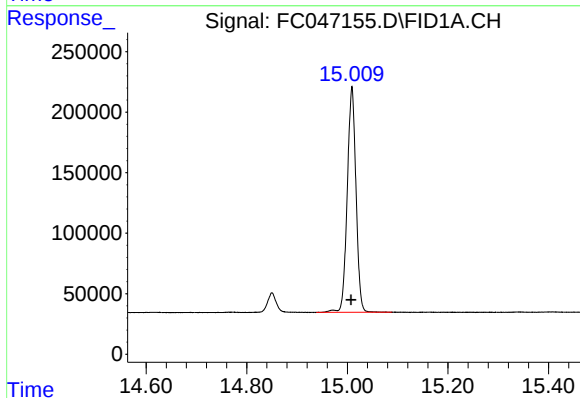
R.T.: 13.168 min
Delta R.T.: 0.002 min
Response: 1820571
Conc: 20.39 ug/ml



#13 n-Docosane (C22)

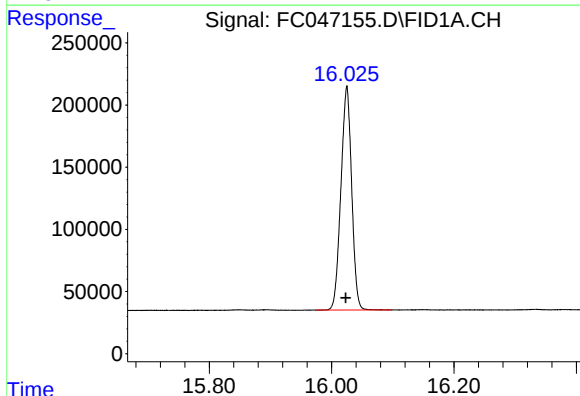
R.T.: 13.912 min
Delta R.T.: 0.001 min
Response: 2192618
Conc: 20.61 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



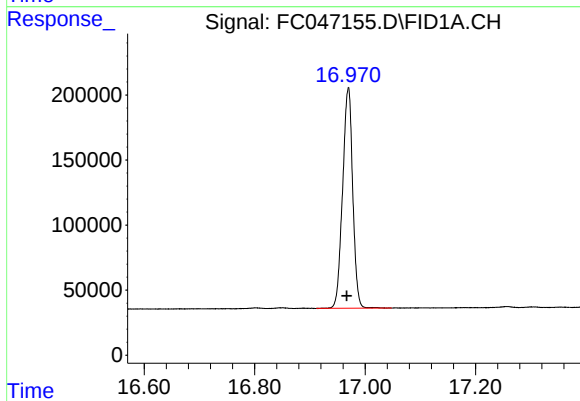
#14 n-Tetracosane (C24)

R.T.: 15.009 min
Delta R.T.: 0.001 min
Response: 2247123
Conc: 20.89 ug/ml



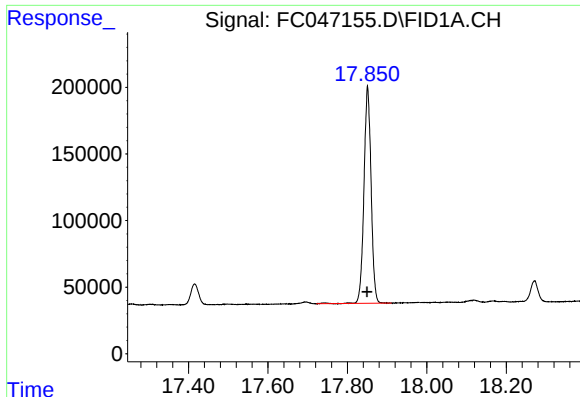
#15 n-Hexacosane (C26)

R.T.: 16.025 min
Delta R.T.: 0.002 min
Response: 2194556
Conc: 20.34 ug/ml



#16 n-Octacosane (C28)

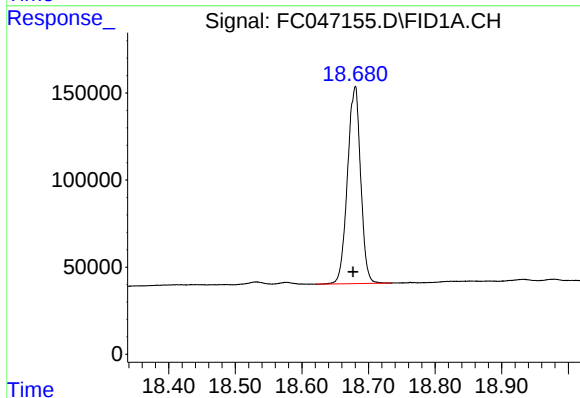
R.T.: 16.969 min
Delta R.T.: 0.003 min
Response: 2158456
Conc: 20.19 ug/ml



#17 n-Tricontane (C30)

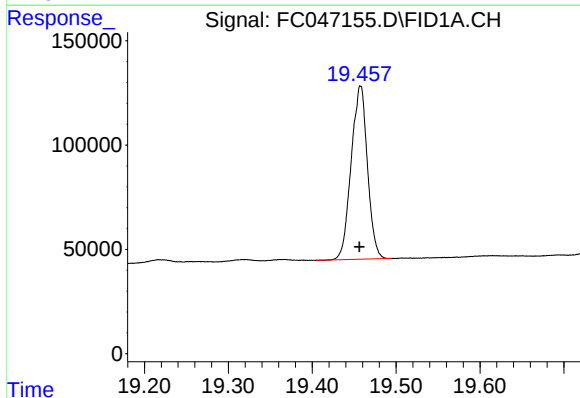
R.T.: 17.851 min
Delta R.T.: 0.001 min
Response: 2026203
Conc: 20.25 ug/ml

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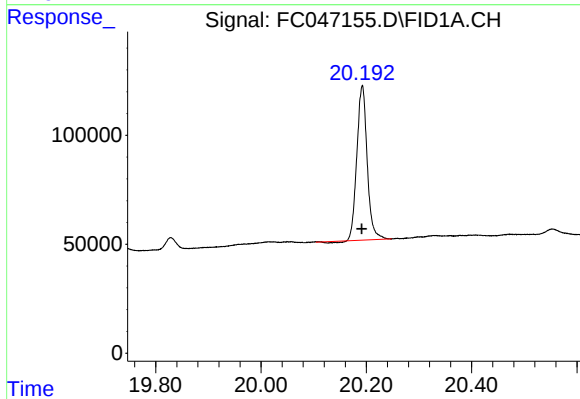
#18 n-Dotriacontane (C32)

R.T.: 18.679 min
Delta R.T.: 0.002 min
Response: 1555248
Conc: 20.41 ug/ml



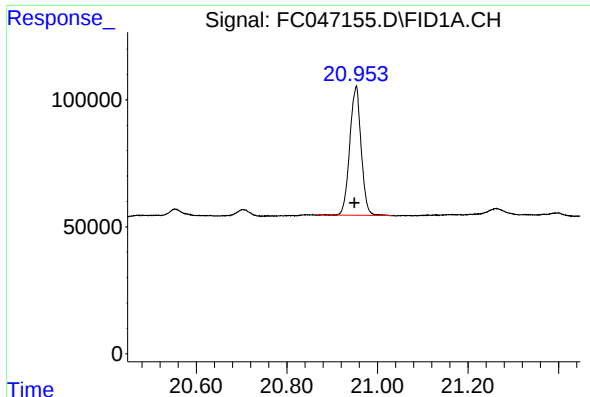
#19 n-Tetratriacontane (C34)

R.T.: 19.457 min
Delta R.T.: 0.001 min
Response: 1116817
Conc: 19.87 ug/ml



#20 n-Hexatriacontane (C36)

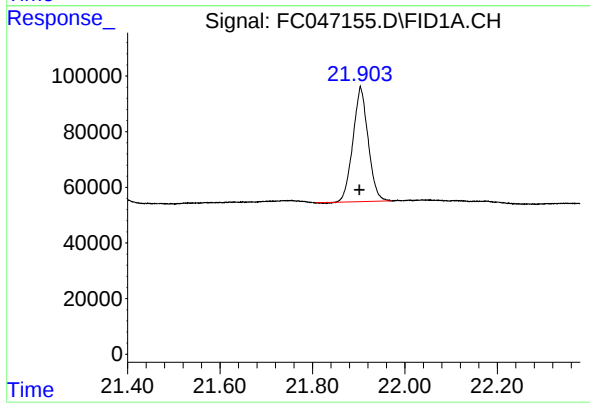
R.T.: 20.192 min
Delta R.T.: 0.000 min
Response: 961554
Conc: 19.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.953 min
Delta R.T.: 0.004 min
Response: 884159
Conc: 19.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.904 min
Delta R.T.: 0.003 min
Response: 941385
Conc: 20.07 ug/ml