

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050420AL\
 Data File : FC047245.D
 Signal(s) : FID1A.CH
 Acq On : 04 May 2020 23:10
 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: May 05 02:32:20 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)	11.752	2448553	22.004 ug/ml
Spiked Amount 50.000		Recovery =	44.01%
12) S 1-chlorooctadecane (S...	13.165	1923175	21.535 ug/ml
Spiked Amount 50.000		Recovery =	43.07%
Target Compounds			
1) T n-Nonane (C9)	3.552	2226705	23.064 ug/ml
2) T n-Decane (C10)	4.617	2248934	23.314 ug/ml
3) T A-Naphthalene (C11.7)	6.217	2335229	23.181 ug/ml
4) T n-Dodecane (C12)	6.620	2298268	23.375 ug/ml
5) T A~2-methylnaphthalene...	7.265	2324994	23.309 ug/ml
6) T n-Tetradecane (C14)	8.399	2309665	23.387 ug/ml
7) T n-Hexadecane (C16)	9.988	2314921	22.961 ug/ml
8) T n-Octadecane (C18)	11.418	2323553	22.507 ug/ml
10) T n-Eicosane (C20)	12.719	2290737	21.831 ug/ml
11) T n-Heneicosane (C21)	13.327	2290408	21.533 ug/ml
13) T n-Docosane (C22)	13.910	2251894	21.163 ug/ml
14) T n-Tetracosane (C24)	15.007	2253570	20.955 ug/ml
15) T n-Hexacosane (C26)	16.022	2180953	20.215 ug/ml
16) T n-Octacosane (C28)	16.967	2110798	19.748 ug/ml
17) T n-Tricontane (C30)	17.848	1955805	19.545 ug/ml
18) T n-Dotriacontane (C32)	18.677	1477702	19.392 ug/ml
19) T n-Tetratriacontane (C34)	19.455	1080849	19.235 ug/ml
20) T n-Hexatriacontane (C36)	20.191	902180	18.028 ug/ml
21) T n-Octatriacontane (C38)	20.949	805034	17.753 ug/ml
22) T n-Tetracontane (C40)	21.900	815975	17.395 ug/ml

(f)=RT Delta > 1/2 Window

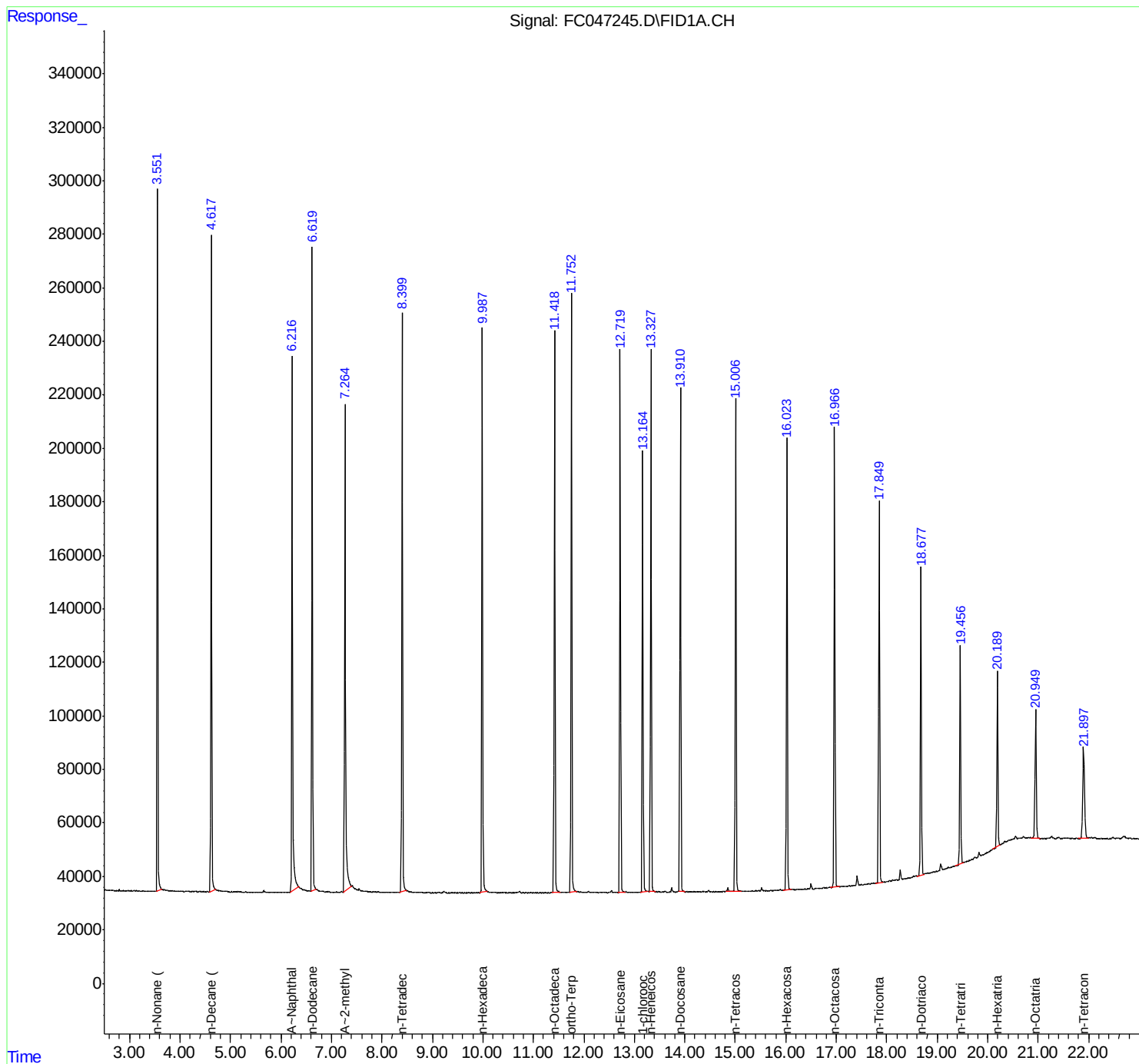
(m)=manual int.

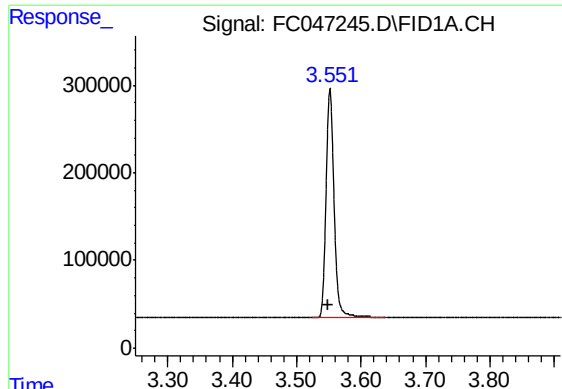
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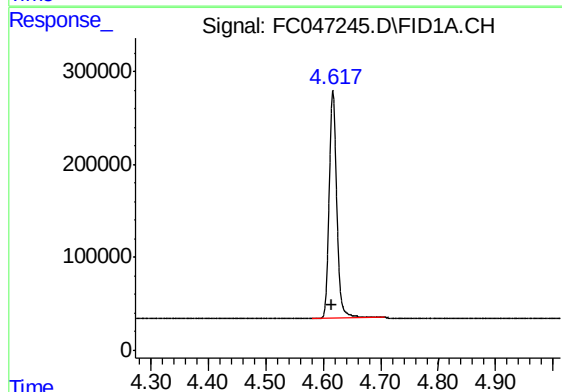




#1 n-Nonane (C9)

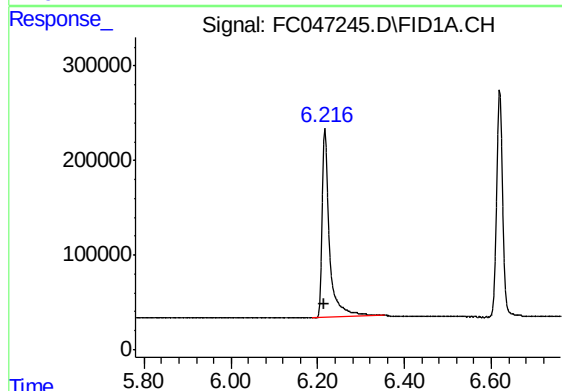
R.T.: 3.552 min
Delta R.T.: 0.003 min
Response: 2226705
Conc: 23.06 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



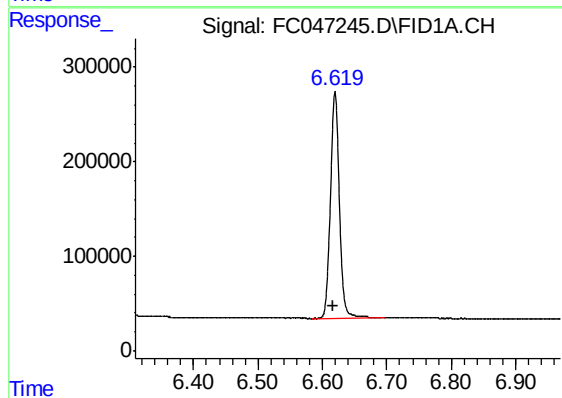
#2 n-Decane (C10)

R.T.: 4.617 min
Delta R.T.: 0.003 min
Response: 2248934
Conc: 23.31 ug/ml



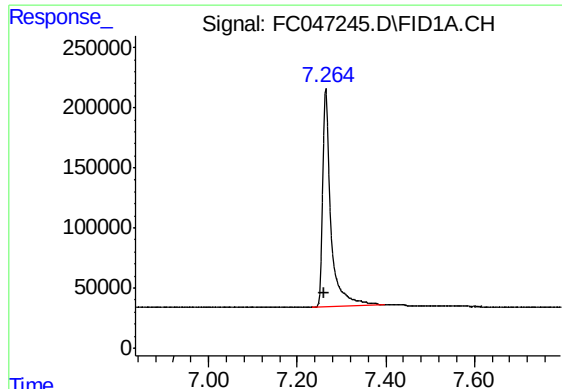
#3 A~Naphthalene (C11.7)

R.T.: 6.217 min
Delta R.T.: 0.003 min
Response: 2335229
Conc: 23.18 ug/ml



#4 n-Dodecane (C12)

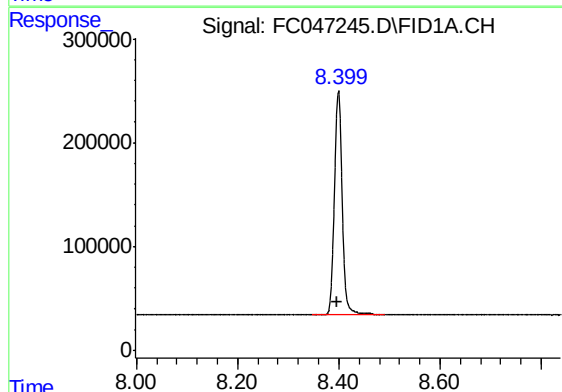
R.T.: 6.620 min
Delta R.T.: 0.002 min
Response: 2298268
Conc: 23.38 ug/ml



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

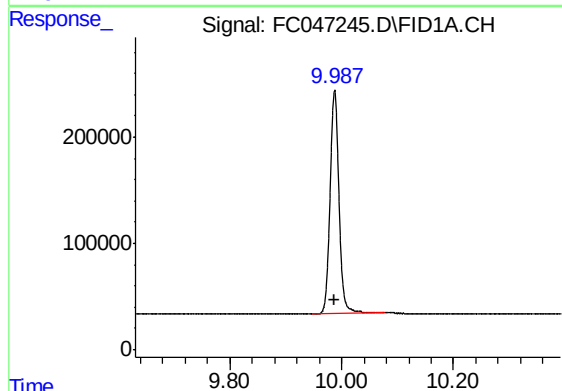
R.T.: 7.265 min
Delta R.T.: 0.002 min
Response: 2324994
Conc: 23.31 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



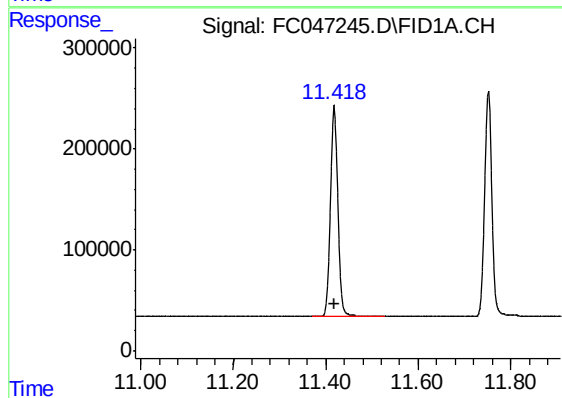
#6 n-Tetradecane (C14)

R.T.: 8.399 min
Delta R.T.: 0.001 min
Response: 2309665
Conc: 23.39 ug/ml



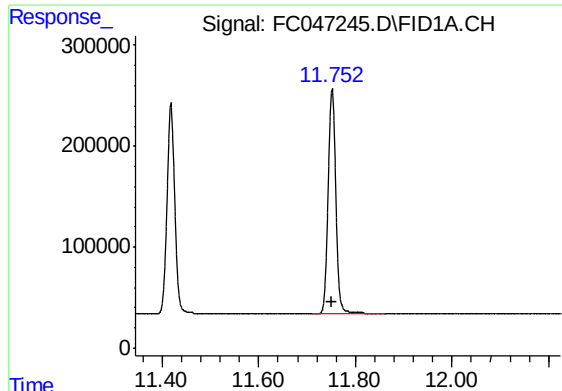
#7 n-Hexadecane (C16)

R.T.: 9.988 min
Delta R.T.: 0.001 min
Response: 2314921
Conc: 22.96 ug/ml



#8 n-Octadecane (C18)

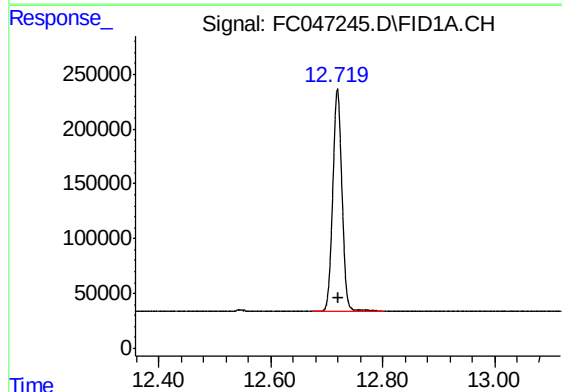
R.T.: 11.418 min
Delta R.T.: 0.000 min
Response: 2323553
Conc: 22.51 ug/ml



#9 ortho-Terphenyl (SURR)

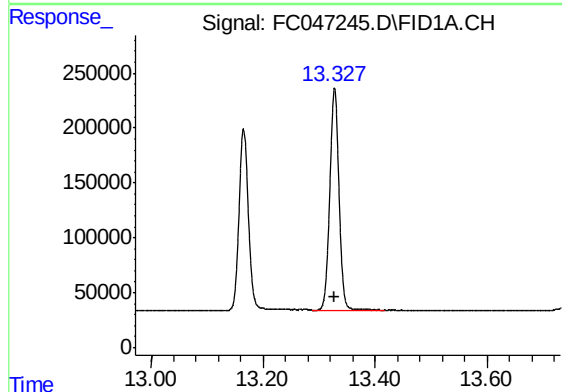
R.T.: 11.752 min
Delta R.T.: 0.000 min
Response: 2448553
Conc: 22.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



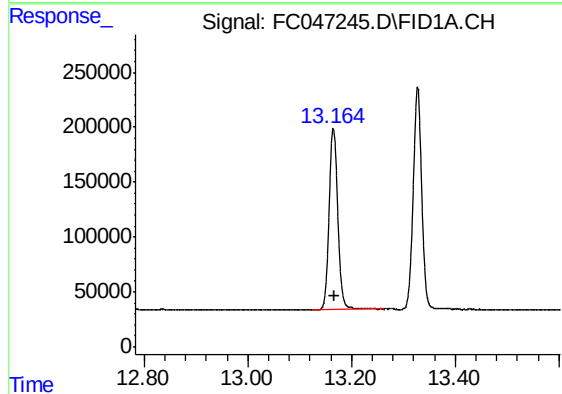
#10 n-Eicosane (C20)

R.T.: 12.719 min
Delta R.T.: 0.000 min
Response: 2290737
Conc: 21.83 ug/ml



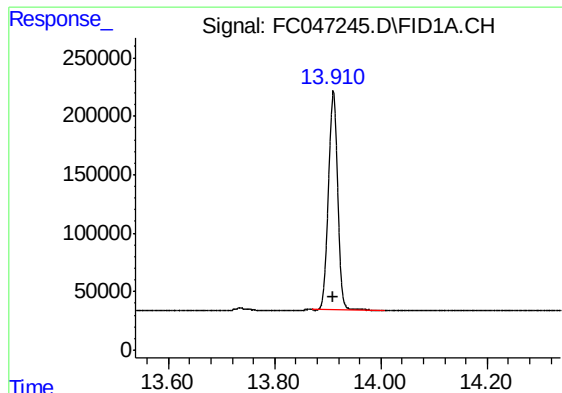
#11 n-Heneicosane (C21)

R.T.: 13.327 min
Delta R.T.: 0.000 min
Response: 2290408
Conc: 21.53 ug/ml



#12 1-chlorooctadecane (SURR)

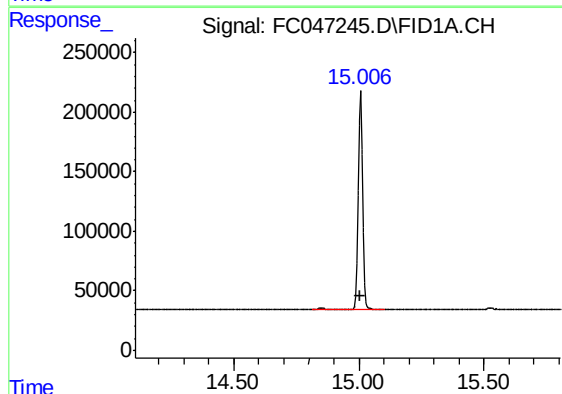
R.T.: 13.165 min
Delta R.T.: -0.001 min
Response: 1923175
Conc: 21.53 ug/ml



#13 n-Docosane (C22)

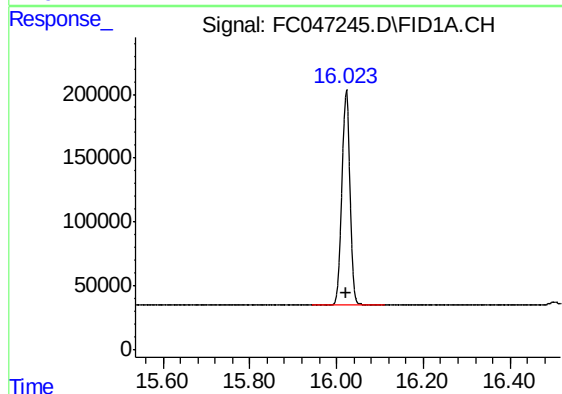
R.T.: 13.910 min
Delta R.T.: 0.000 min
Response: 2251894
Conc: 21.16 ug/ml

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20 PPM ALIPHATIC HC STD



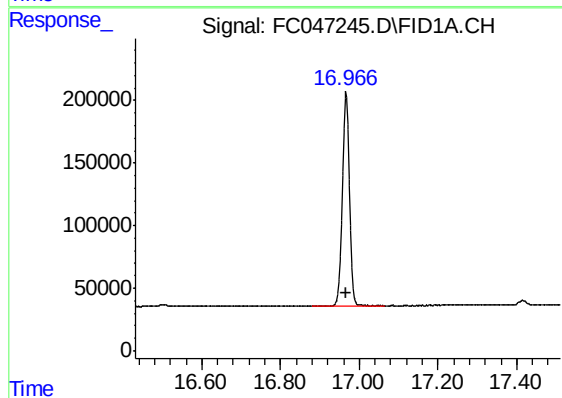
#14 n-Tetracosane (C24)

R.T.: 15.007 min
Delta R.T.: 0.000 min
Response: 2253570
Conc: 20.95 ug/ml



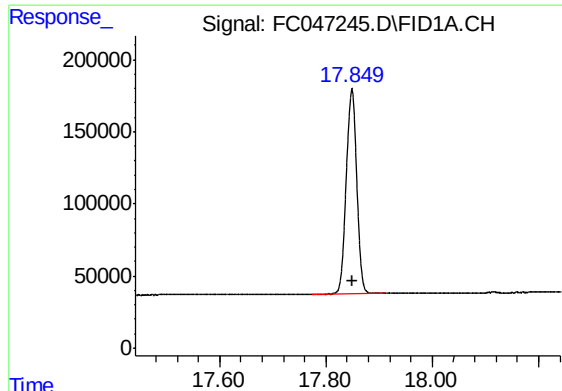
#15 n-Hexacosane (C26)

R.T.: 16.022 min
Delta R.T.: 0.000 min
Response: 2180953
Conc: 20.21 ug/ml



#16 n-Octacosane (C28)

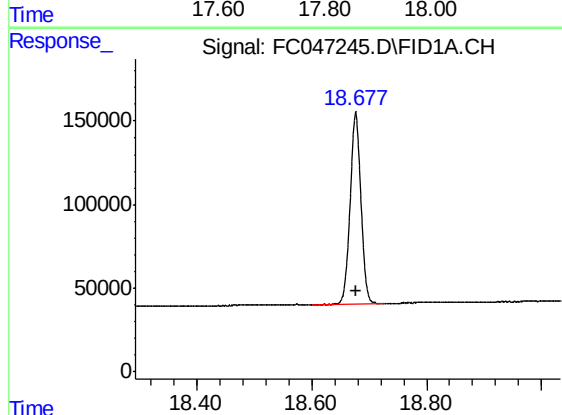
R.T.: 16.967 min
Delta R.T.: 0.000 min
Response: 2110798
Conc: 19.75 ug/ml



#17 n-Tricontane (C30)

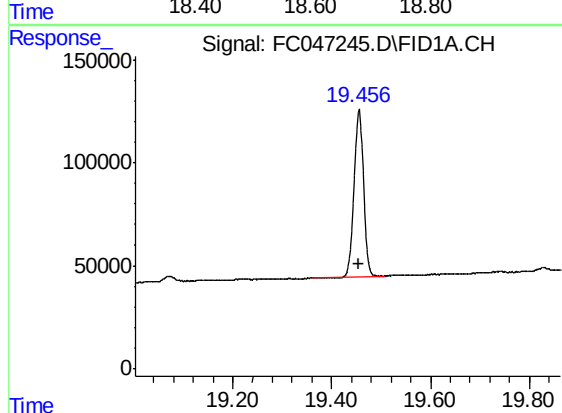
R.T.: 17.848 min
Delta R.T.: -0.001 min
Response: 1955805
Conc: 19.54 ug/ml

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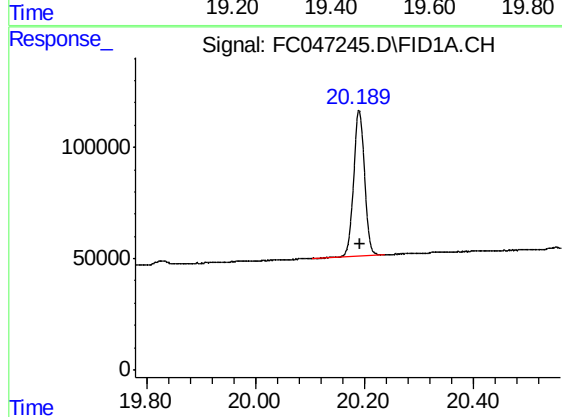
#18 n-Dotriacontane (C32)

R.T.: 18.677 min
Delta R.T.: 0.000 min
Response: 1477702
Conc: 19.39 ug/ml



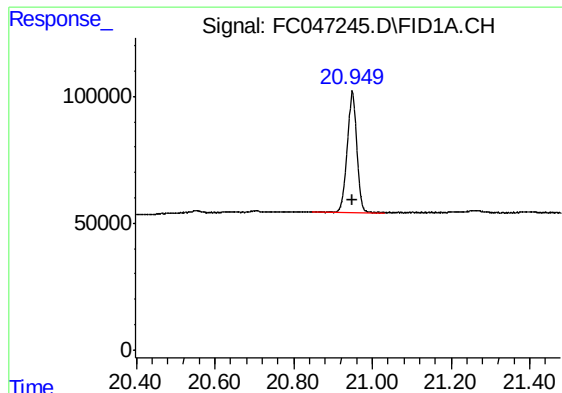
#19 n-Tetratriacontane (C34)

R.T.: 19.455 min
Delta R.T.: 0.000 min
Response: 1080849
Conc: 19.23 ug/ml



#20 n-Hexatriacontane (C36)

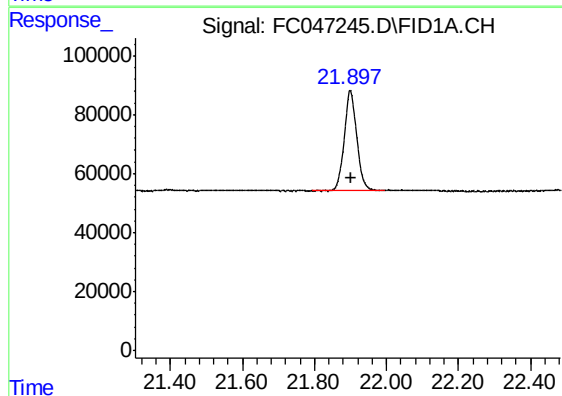
R.T.: 20.191 min
Delta R.T.: -0.001 min
Response: 902180
Conc: 18.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.949 min
Delta R.T.: 0.000 min
Response: 805034
Conc: 17.75 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.900 min
Delta R.T.: -0.002 min
Response: 815975
Conc: 17.39 ug/ml