

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121720AL\
 Data File : FC051356.D
 Signal(s) : FID1A.CH
 Acq On : 17 Dec 2020 14:23
 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: Dec 18 00:10:06 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 10:42:25 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)	11.571	2097693	17.048 ug/ml
Spiked Amount 50.000		Recovery =	34.10%
12) S 1-chlorooctadecane (S...	13.006	1618059	16.587 ug/ml
Spiked Amount 50.000		Recovery =	33.17%
Target Compounds			
1) T n-Nonane (C9)	3.331	2068558	19.438 ug/ml
2) T n-Decane (C10)	4.399	2076843	19.555 ug/ml
3) T A~Naphthalene (C11.7)	5.989	2144744	19.077 ug/ml
4) T n-Dodecane (C12)	6.416	2118372	19.469 ug/ml
5) T A~2-methylnaphthalene...	7.047	2103134	18.609 ug/ml
6) T n-Tetradecane (C14)	8.211	2063546	19.071 ug/ml
7) T n-Hexadecane (C16)	9.812	1989205	18.536 ug/ml
8) T n-Octadecane (C18)	11.253	2036324	17.854 ug/ml
10) T n-Eicosane (C20)	12.560	1980862	17.051 ug/ml
11) T n-Heneicosane (C21)	13.173	1942830	16.769 ug/ml
13) T n-Docosane (C22)	13.758	1914151	16.527 ug/ml
14) T n-Tetracosane (C24)	14.860	1857640	16.152 ug/ml
15) T n-Hexacosane (C26)	15.879	1824033	16.200 ug/ml
16) T n-Octacosane (C28)	16.825	1831124	16.537 ug/ml
17) T n-Tricontane (C30)	17.713	1827770	17.206 ug/ml
18) T n-Dotriacontane (C32)	18.543	1739690	17.805 ug/ml
19) T n-Tetratriacontane (C34)	19.325	1661009	18.611 ug/ml
20) T n-Hexatriacontane (C36)	20.064	1597205	19.150 ug/ml
21) T n-Octatriacontane (C38)	20.798	1522425	19.550 ug/ml
22) T n-Tetracontane (C40)	21.707	1480419	17.880 ug/ml

(f)=RT Delta > 1/2 Window

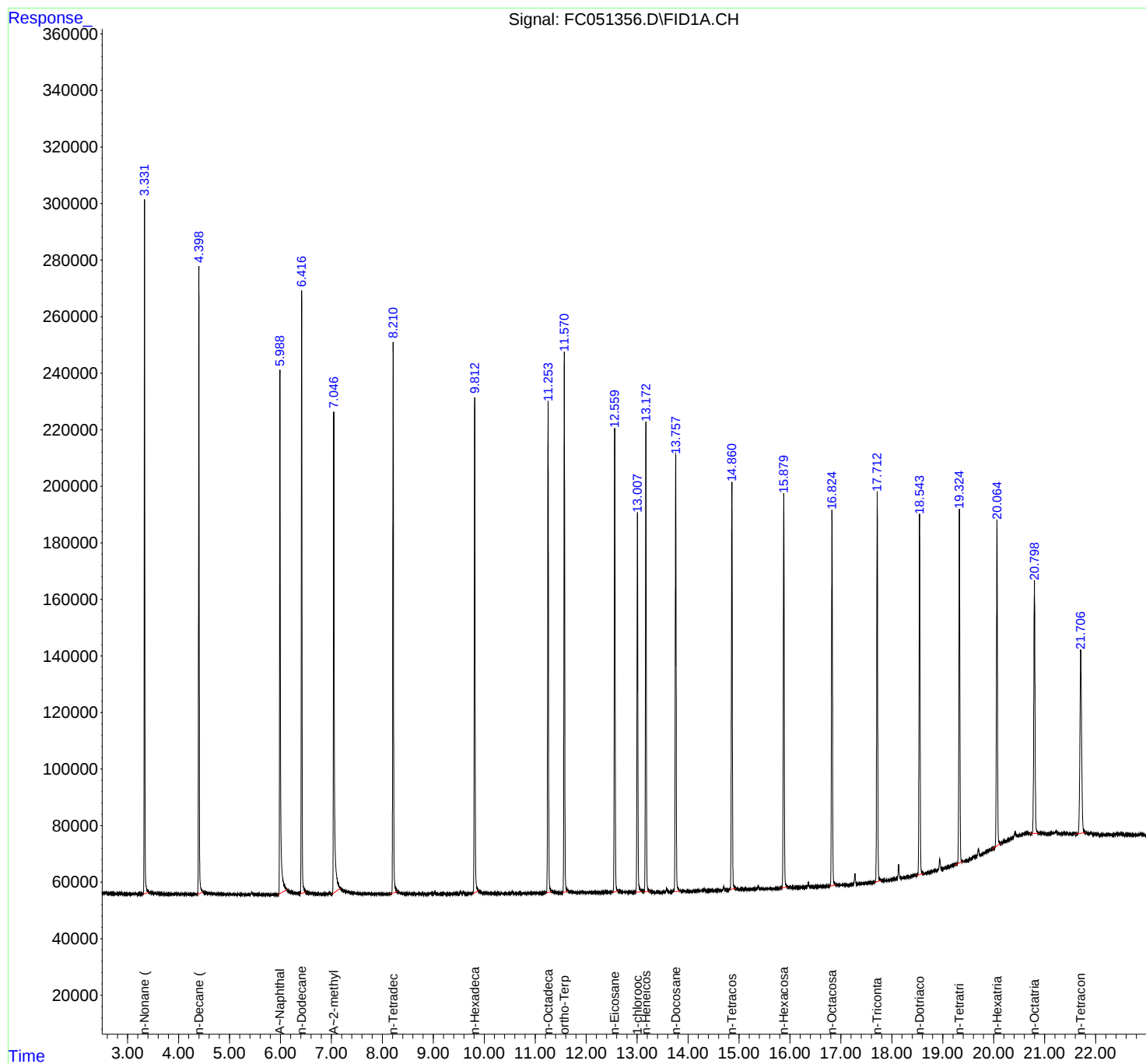
(m)=manual int.

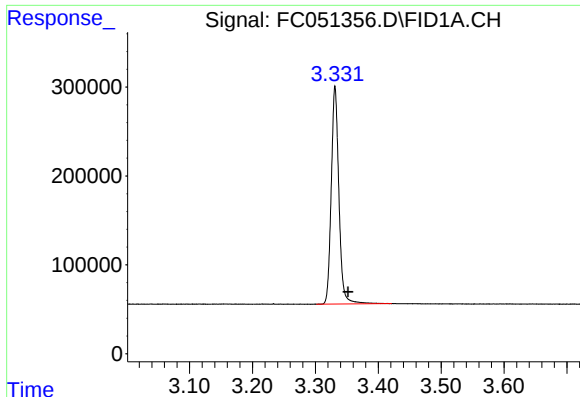
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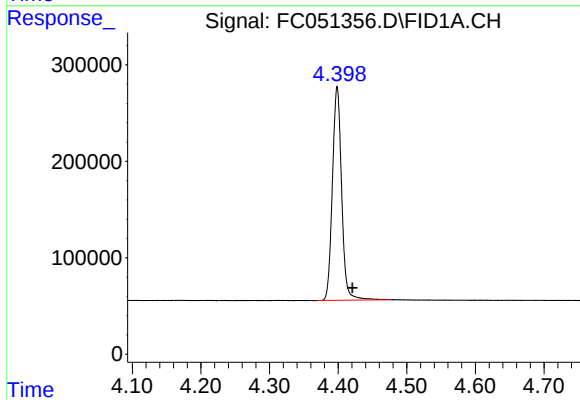




#1 n-Nonane (C9)

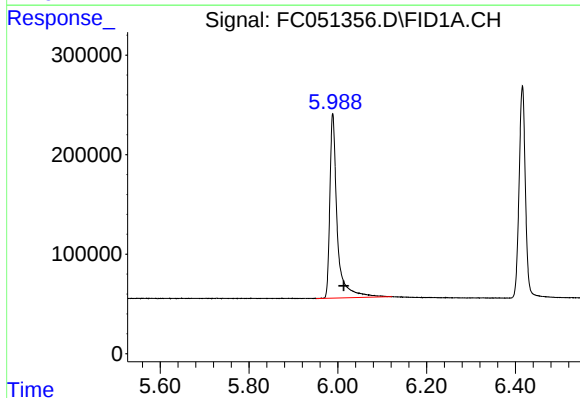
R.T.: 3.331 min
Delta R.T.: -0.021 min
Response: 2068558
Conc: 19.44 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



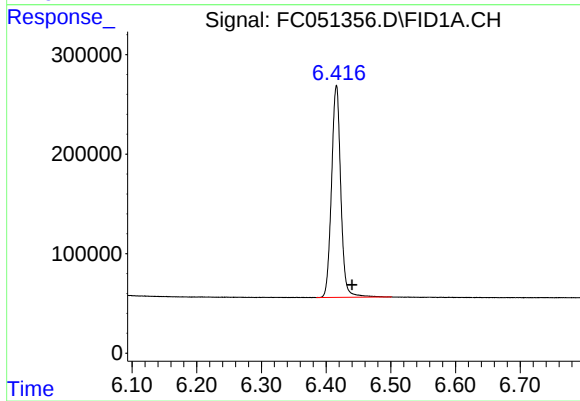
#2 n-Decane (C10)

R.T.: 4.399 min
Delta R.T.: -0.022 min
Response: 2076843
Conc: 19.55 ug/ml



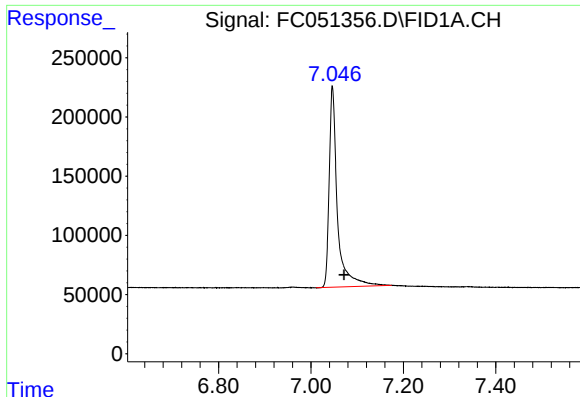
#3 A~Naphthalene (C11.7)

R.T.: 5.989 min
Delta R.T.: -0.025 min
Response: 2144744
Conc: 19.08 ug/ml



#4 n-Dodecane (C12)

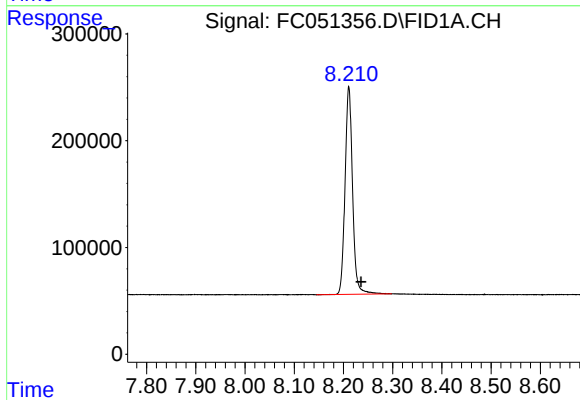
R.T.: 6.416 min
Delta R.T.: -0.024 min
Response: 2118372
Conc: 19.47 ug/ml



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

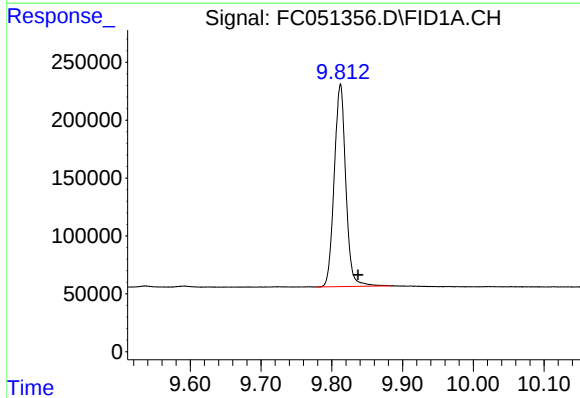
R.T.: 7.047 min
Delta R.T.: -0.024 min
Response: 2103134
Conc: 18.61 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



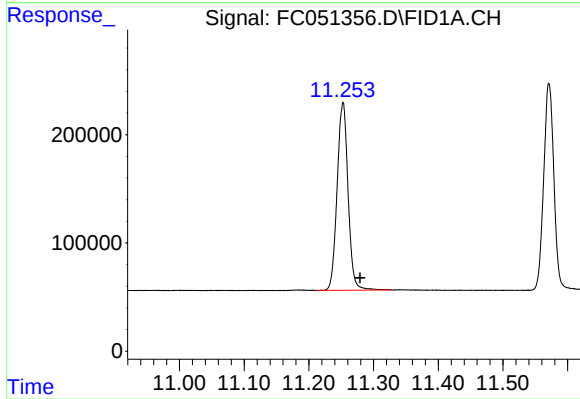
#6 n-Tetradecane (C14)

R.T.: 8.211 min
Delta R.T.: -0.025 min
Response: 2063546
Conc: 19.07 ug/ml



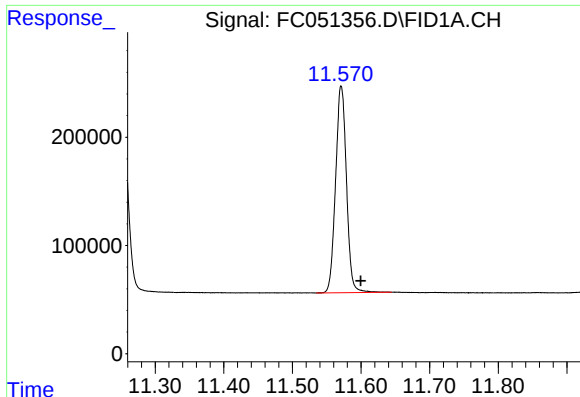
#7 n-Hexadecane (C16)

R.T.: 9.812 min
Delta R.T.: -0.025 min
Response: 1989205
Conc: 18.54 ug/ml



#8 n-Octadecane (C18)

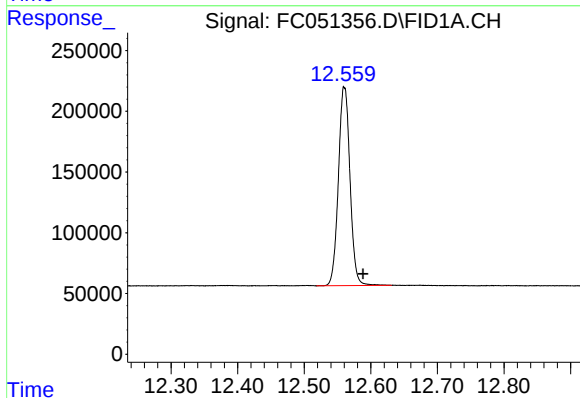
R.T.: 11.253 min
Delta R.T.: -0.027 min
Response: 2036324
Conc: 17.85 ug/ml



#9 ortho-Terphenyl (SURR)

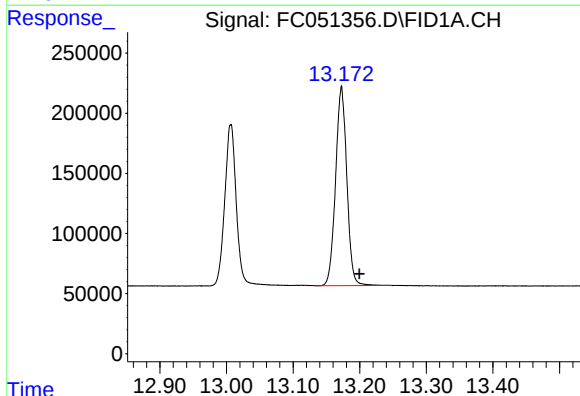
R.T.: 11.571 min
Delta R.T.: -0.028 min
Response: 2097693
Conc: 17.05 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



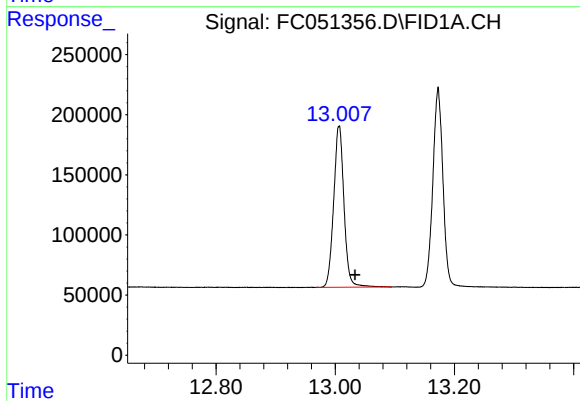
#10 n-Eicosane (C20)

R.T.: 12.560 min
Delta R.T.: -0.028 min
Response: 1980862
Conc: 17.05 ug/ml



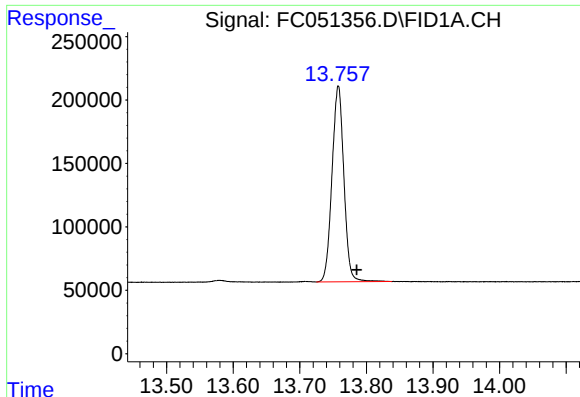
#11 n-Heneicosane (C21)

R.T.: 13.173 min
Delta R.T.: -0.027 min
Response: 1942830
Conc: 16.77 ug/ml



#12 1-chlorooctadecane (SURR)

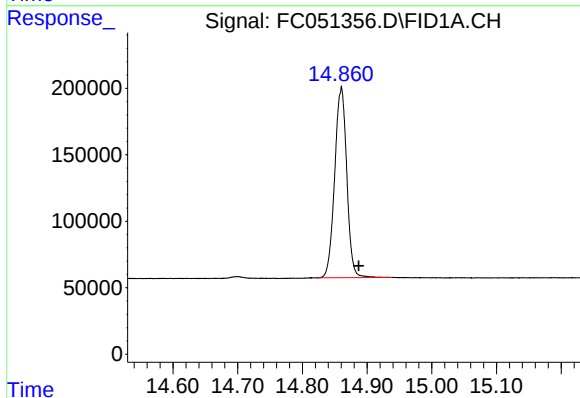
R.T.: 13.006 min
Delta R.T.: -0.027 min
Response: 1618059
Conc: 16.59 ug/ml



#13 n-Docosane (C22)

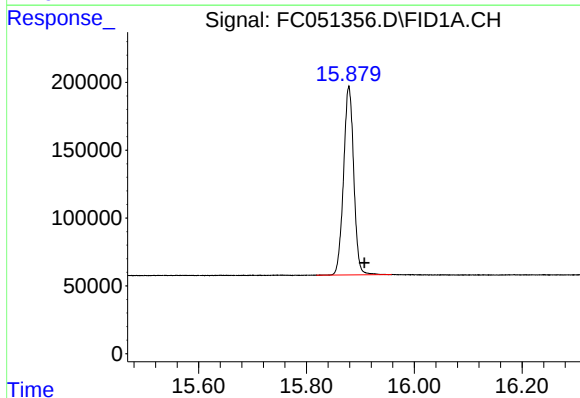
R.T.: 13.758 min
Delta R.T.: -0.028 min
Response: 1914151
Conc: 16.53 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



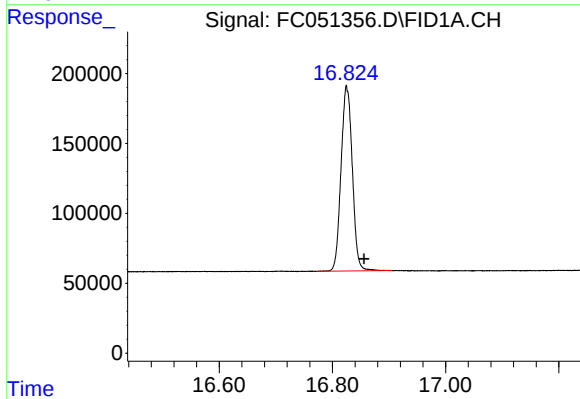
#14 n-Tetracosane (C24)

R.T.: 14.860 min
Delta R.T.: -0.027 min
Response: 1857640
Conc: 16.15 ug/ml



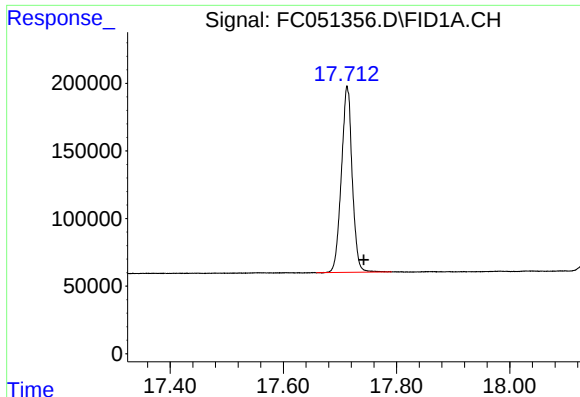
#15 n-Hexacosane (C26)

R.T.: 15.879 min
Delta R.T.: -0.029 min
Response: 1824033
Conc: 16.20 ug/ml



#16 n-Octacosane (C28)

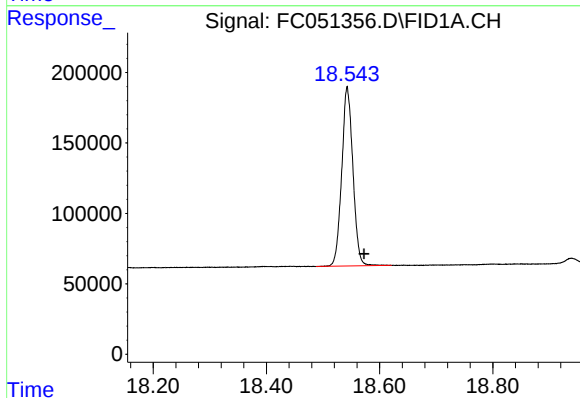
R.T.: 16.825 min
Delta R.T.: -0.030 min
Response: 1831124
Conc: 16.54 ug/ml



#17 n-Tricontane (C30)

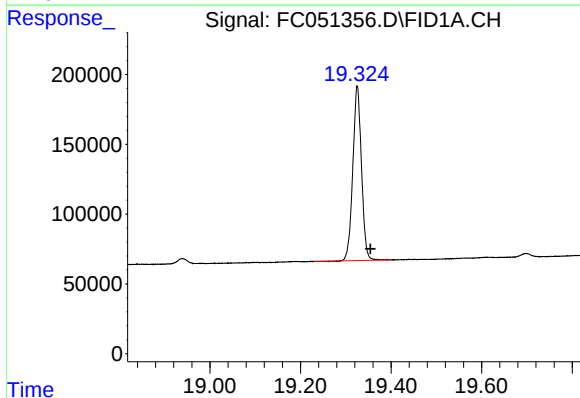
R.T.: 17.713 min
Delta R.T.: -0.029 min
Response: 1827770
Conc: 17.21 ug/ml

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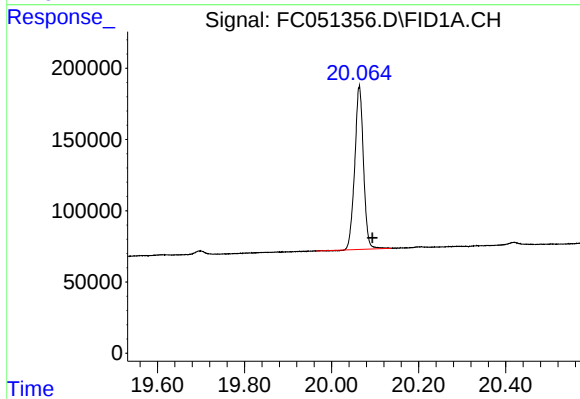
#18 n-Dotriacontane (C32)

R.T.: 18.543 min
Delta R.T.: -0.030 min
Response: 1739690
Conc: 17.80 ug/ml



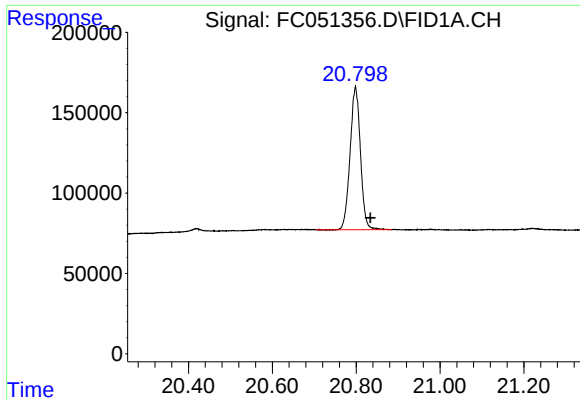
#19 n-Tetratriacontane (C34)

R.T.: 19.325 min
Delta R.T.: -0.029 min
Response: 1661009
Conc: 18.61 ug/ml



#20 n-Hexatriacontane (C36)

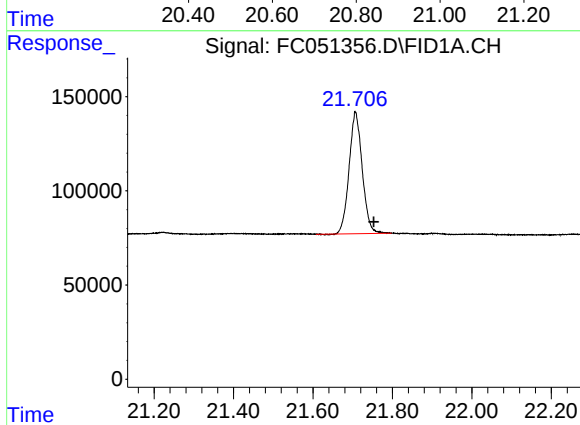
R.T.: 20.064 min
Delta R.T.: -0.030 min
Response: 1597205
Conc: 19.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.798 min
Delta R.T.: -0.036 min
Response: 1522425
Conc: 19.55 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.707 min
Delta R.T.: -0.046 min
Response: 1480419
Conc: 17.88 ug/ml