

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081121AL\
 Data File : FC055154.D
 Signal(s) : FID1A.CH
 Acq On : 12 Aug 2021 8:21
 Operator : AJ\MA
 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: Aug 12 08:47:35 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 02:08:31 2021
 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)	11.306	2315368	18.391 ug/ml
Spiked Amount 50.000		Recovery =	36.78%
12) S 1-chlorooctadecane (S...	12.746	1811074	18.274 ug/ml
Spiked Amount 50.000		Recovery =	36.55%
Target Compounds			
1) T n-Nonane (C9)	3.140	2141064	20.476 ug/ml
2) T n-Decane (C10)	4.191	2205226	20.941 ug/ml
3) T A~Naphthalene (C11.7)	5.757	2287232	21.050 ug/ml
4) T n-Dodecane (C12)	6.192	2273420	20.936 ug/ml
5) T A~2-methylnaphthalene...	6.807	2290461	20.987 ug/ml
6) T n-Tetradecane (C14)	7.976	2293233	20.542 ug/ml
7) T n-Hexadecane (C16)	9.568	2285015	20.035 ug/ml
8) T n-Octadecane (C18)	11.003	2284544	19.373 ug/ml
10) T n-Eicosane (C20)	12.306	2194641	18.693 ug/ml
11) T n-Heneicosane (C21)	12.915	2183035	18.488 ug/ml
13) T n-Docosane (C22)	13.499	2113555	18.096 ug/ml
14) T n-Tetracosane (C24)	14.596	2051061	17.720 ug/ml
15) T n-Hexacosane (C26)	15.613	1932420	17.243 ug/ml
16) T n-Octacosane (C28)	16.560	1882541	17.339 ug/ml
17) T n-Tricontane (C30)	17.444	1848229	17.702 ug/ml
18) T n-Dotriacontane (C32)	18.273	1812421	18.301 ug/ml
19) T n-Tetratriacontane (C34)	19.055	1789142	18.877 ug/ml
20) T n-Hexatriacontane (C36)	19.793	1738454	19.238 ug/ml
21) T n-Octatriacontane (C38)	20.493	1679120	19.433 ug/ml
22) T n-Tetracontane (C40)	21.298	1674926	18.808 ug/ml

(f)=RT Delta > 1/2 Window

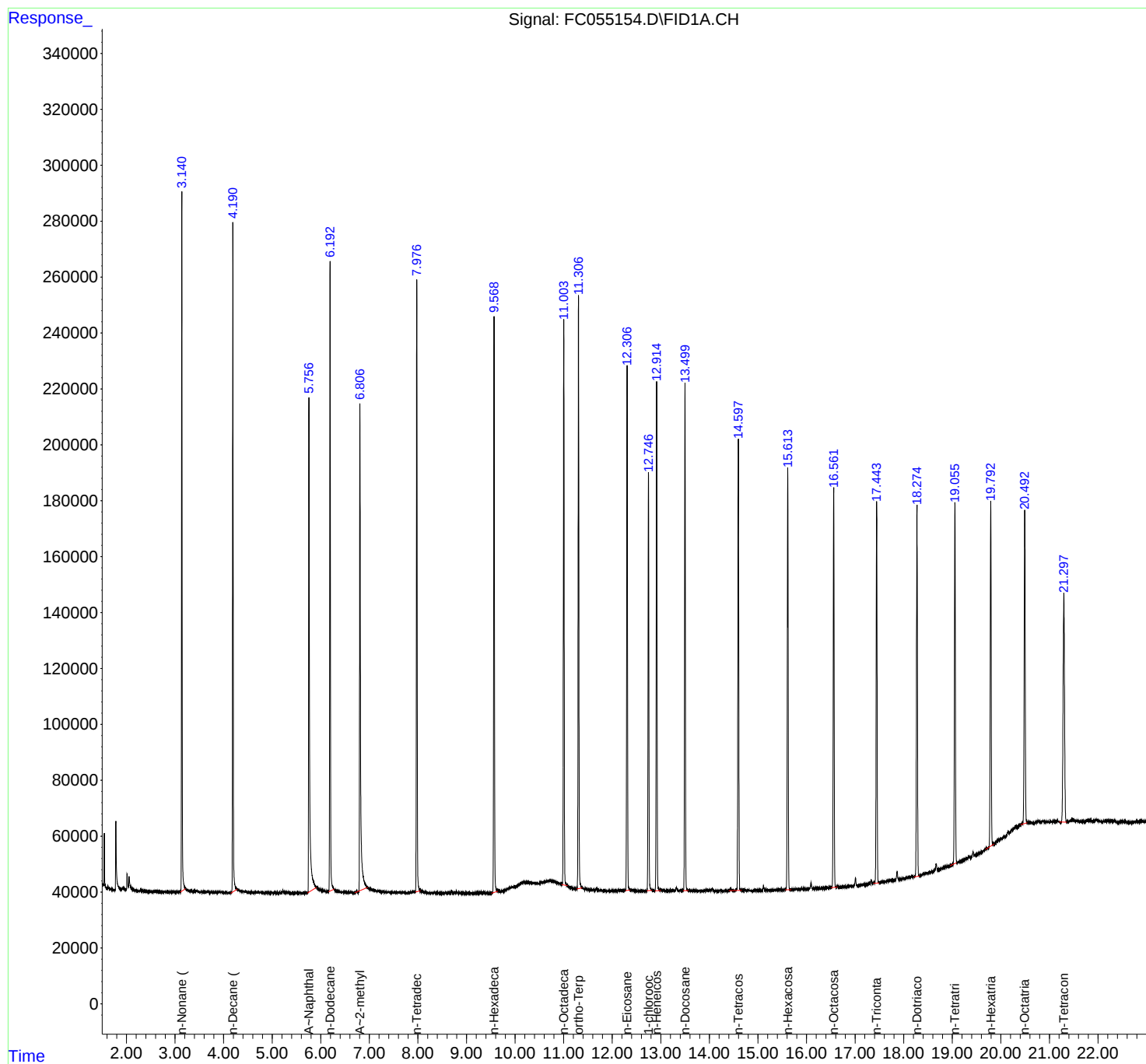
(m)=manual int.

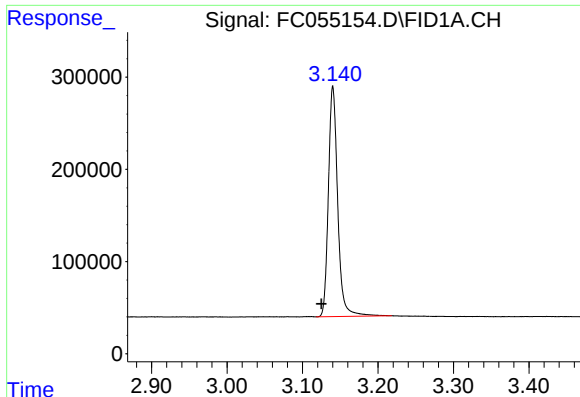
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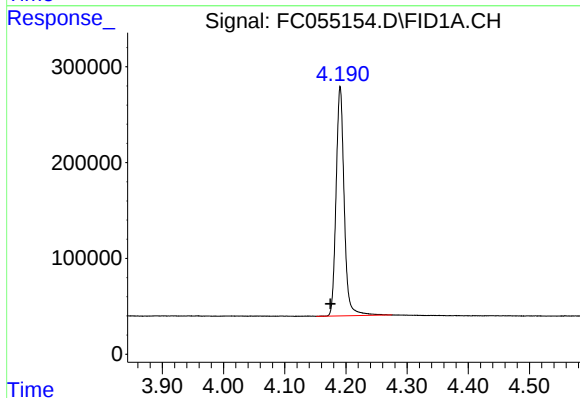




#1 n-Nonane (C9)

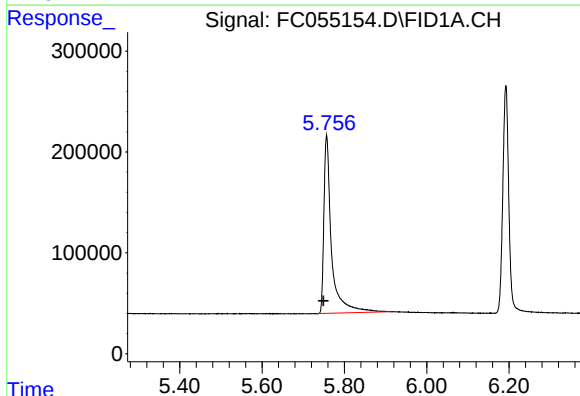
R.T.: 3.140 min
Delta R.T.: 0.015 min
Response: 2141064
Conc: 20.48 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



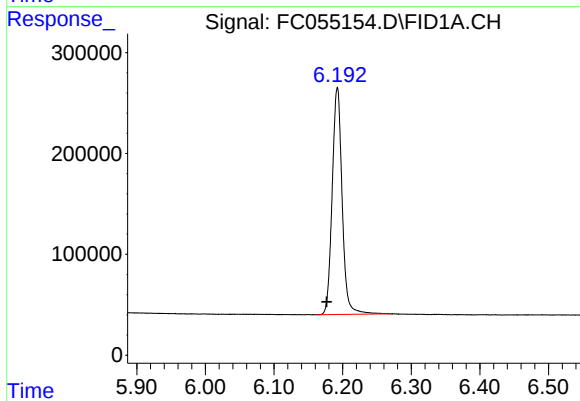
#2 n-Decane (C10)

R.T.: 4.191 min
Delta R.T.: 0.016 min
Response: 2205226
Conc: 20.94 ug/ml



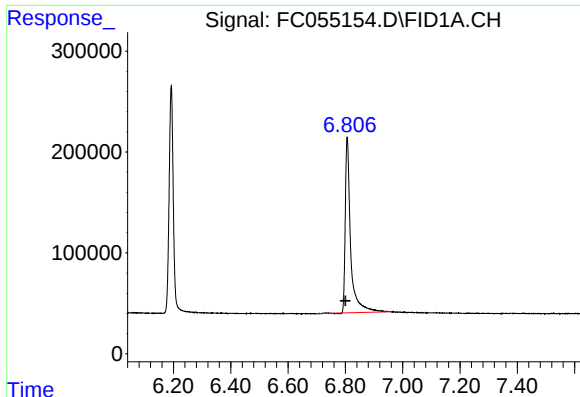
#3 A~Naphthalene (C11.7)

R.T.: 5.757 min
Delta R.T.: 0.008 min
Response: 2287232
Conc: 21.05 ug/ml



#4 n-Dodecane (C12)

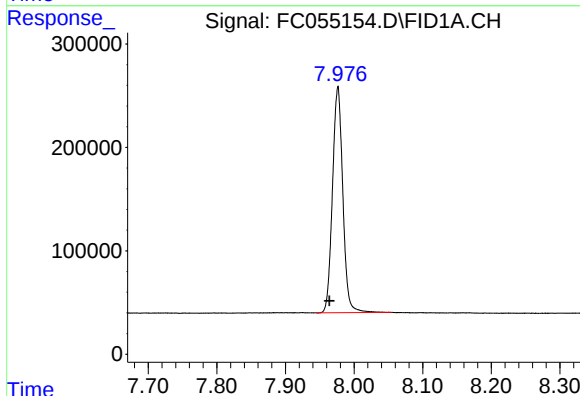
R.T.: 6.192 min
Delta R.T.: 0.015 min
Response: 2273420
Conc: 20.94 ug/ml



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

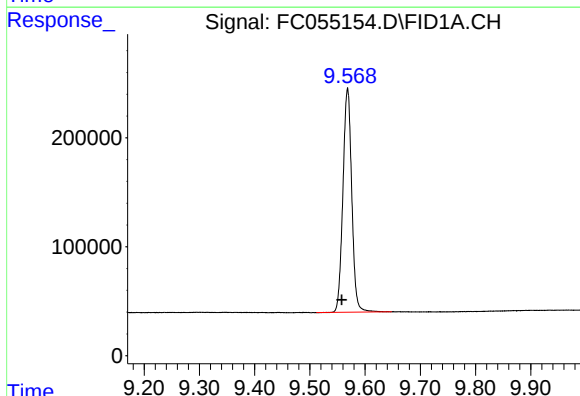
R.T.: 6.807 min
Delta R.T.: 0.006 min
Response: 2290461
Conc: 20.99 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



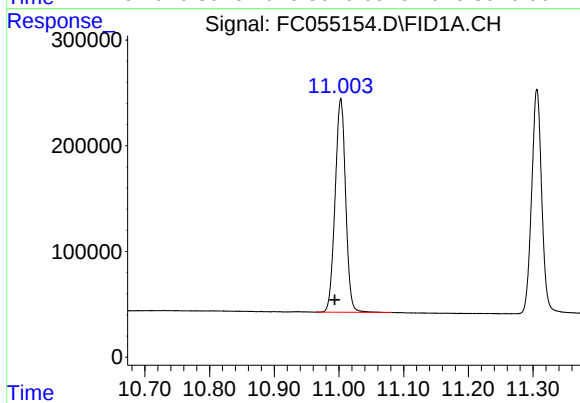
#6 n-Tetradecane (C14)

R.T.: 7.976 min
Delta R.T.: 0.013 min
Response: 2293233
Conc: 20.54 ug/ml



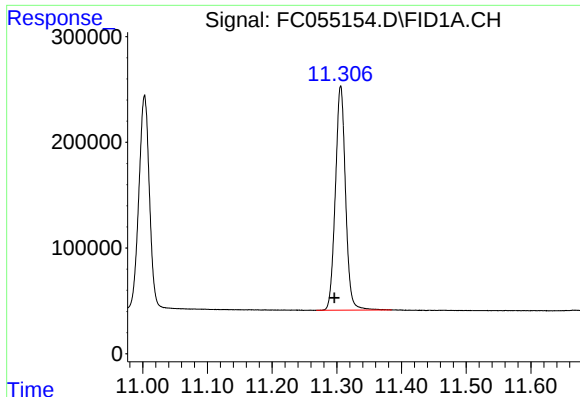
#7 n-Hexadecane (C16)

R.T.: 9.568 min
Delta R.T.: 0.010 min
Response: 2285015
Conc: 20.03 ug/ml



#8 n-Octadecane (C18)

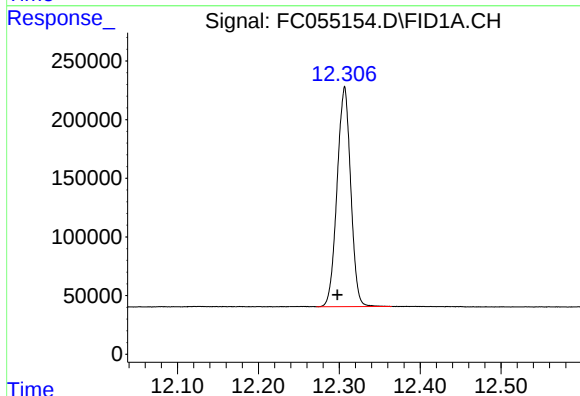
R.T.: 11.003 min
Delta R.T.: 0.009 min
Response: 2284544
Conc: 19.37 ug/ml



#9 ortho-Terphenyl (SURR)

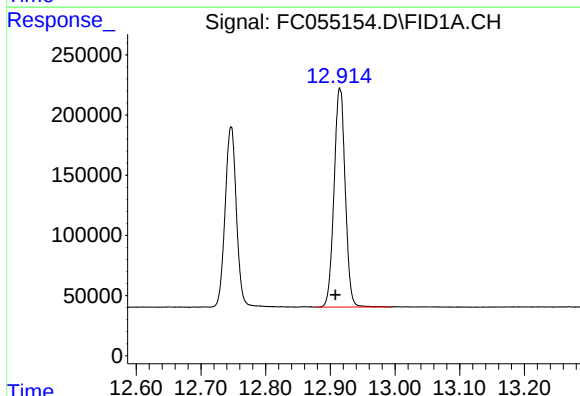
R.T.: 11.306 min
Delta R.T.: 0.010 min
Response: 2315368
Conc: 18.39 ug/ml

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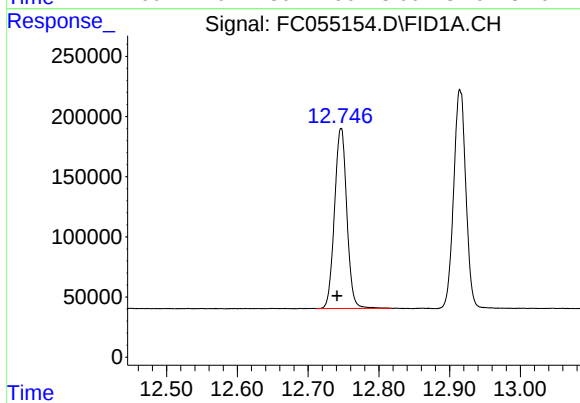
#10 n-Eicosane (C20)

R.T.: 12.306 min
Delta R.T.: 0.009 min
Response: 2194641
Conc: 18.69 ug/ml



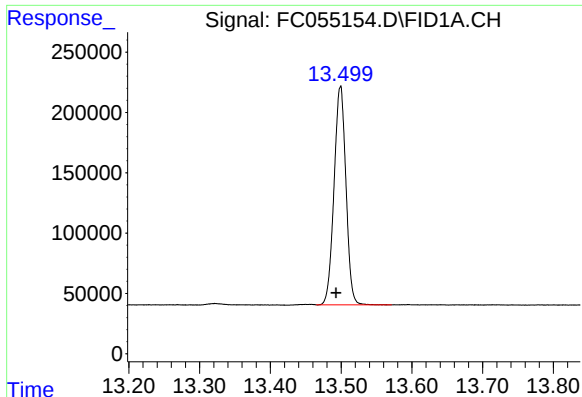
#11 n-Heneicosane (C21)

R.T.: 12.915 min
Delta R.T.: 0.007 min
Response: 2183035
Conc: 18.49 ug/ml



#12 1-chlorooctadecane (SURR)

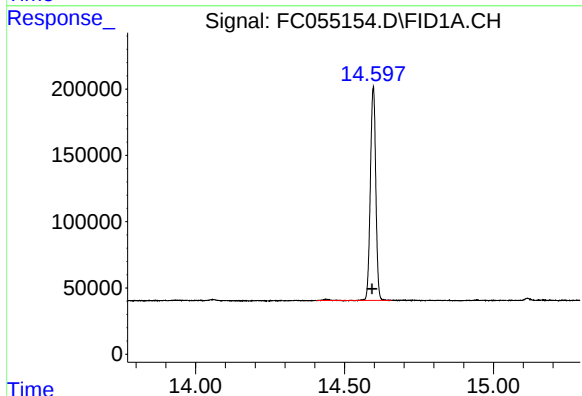
R.T.: 12.746 min
Delta R.T.: 0.006 min
Response: 1811074
Conc: 18.27 ug/ml



#13 n-Docosane (C22)

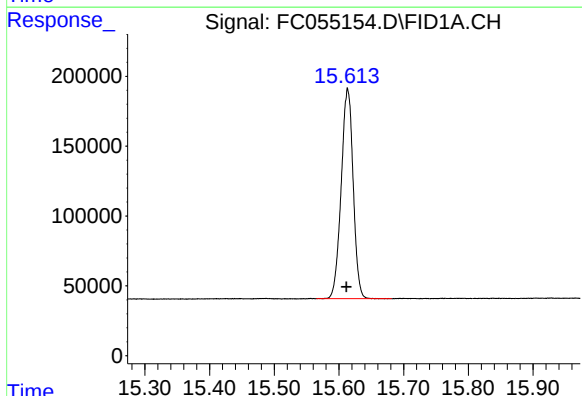
R.T.: 13.499 min
Delta R.T.: 0.006 min
Response: 2113555
Conc: 18.10 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



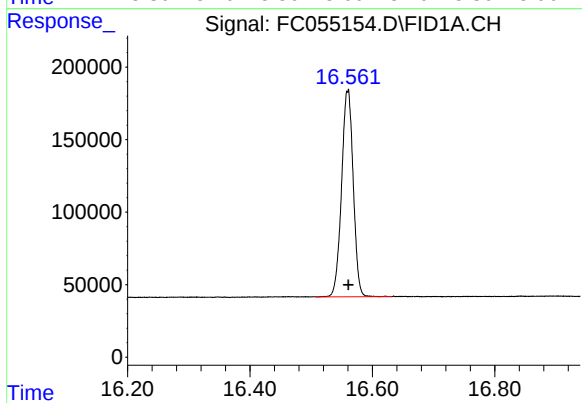
#14 n-Tetracosane (C24)

R.T.: 14.596 min
Delta R.T.: 0.004 min
Response: 2051061
Conc: 17.72 ug/ml



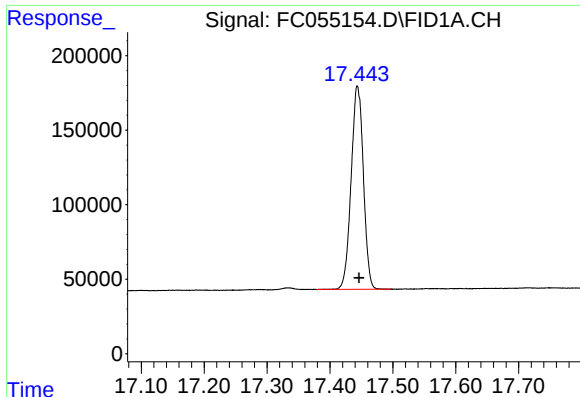
#15 n-Hexacosane (C26)

R.T.: 15.613 min
Delta R.T.: 0.002 min
Response: 1932420
Conc: 17.24 ug/ml



#16 n-Octacosane (C28)

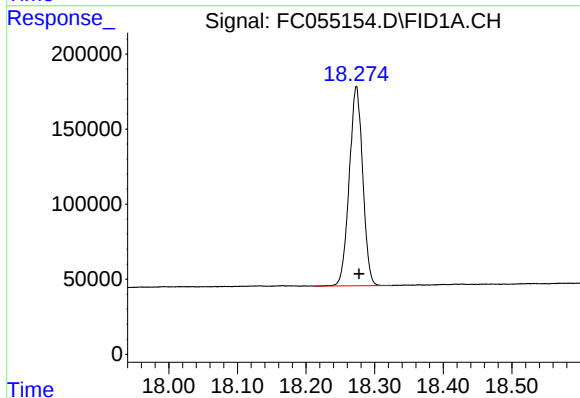
R.T.: 16.560 min
Delta R.T.: 0.000 min
Response: 1882541
Conc: 17.34 ug/ml



#17 n-Tricontane (C30)

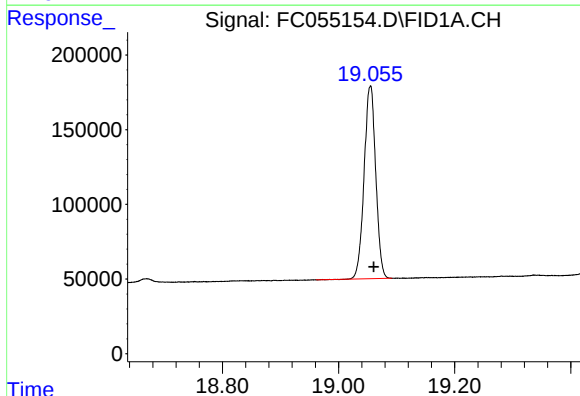
R.T.: 17.444 min
Delta R.T.: -0.002 min
Response: 1848229
Conc: 17.70 ug/ml

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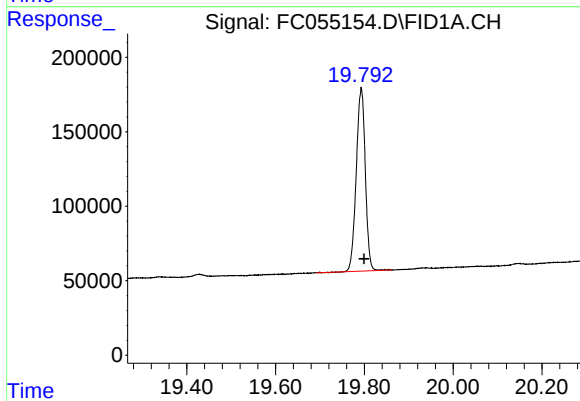
#18 n-Dotriacontane (C32)

R.T.: 18.273 min
Delta R.T.: -0.004 min
Response: 1812421
Conc: 18.30 ug/ml



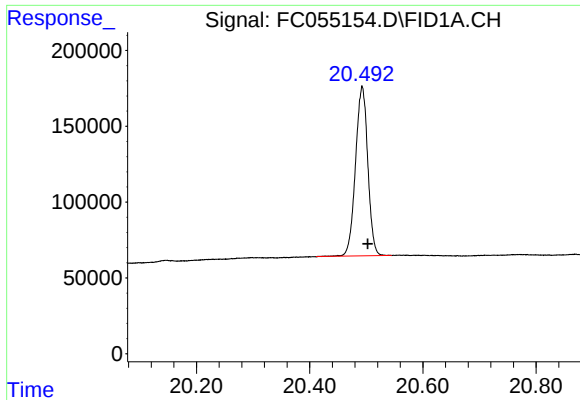
#19 n-Tetratriacontane (C34)

R.T.: 19.055 min
Delta R.T.: -0.006 min
Response: 1789142
Conc: 18.88 ug/ml



#20 n-Hexatriacontane (C36)

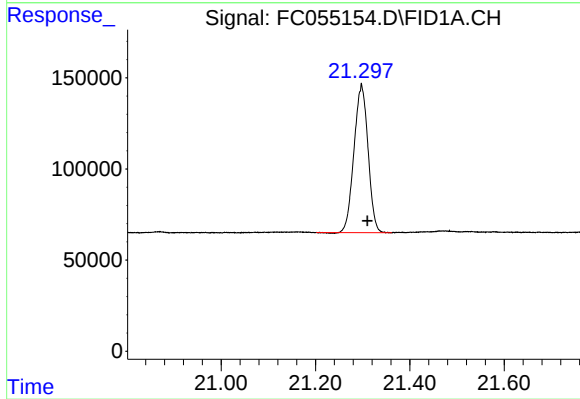
R.T.: 19.793 min
Delta R.T.: -0.007 min
Response: 1738454
Conc: 19.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.493 min
Delta R.T.: -0.010 min
Response: 1679120
Conc: 19.43 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.298 min
Delta R.T.: -0.013 min
Response: 1674926
Conc: 18.81 ug/ml