

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102121AL\
 Data File : FC056295.D
 Signal(s) : FID1A.CH
 Acq On : 20 Oct 2021 22:48
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Oct 21 00:10:27 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 00:09:06 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)	11.626	2467131	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.057	1928295	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.383	2155664	20.000 ug/ml
2) T n-Decane (C10)	4.451	2161276	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.042	2428819	20.000 ug/ml
4) T n-Dodecane (C12)	6.469	2197026	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.098	2455697	20.000 ug/ml
6) T n-Tetradecane (C14)	8.265	2231440	20.000 ug/ml
7) T n-Hexadecane (C16)	9.864	2257760	20.000 ug/ml
8) T n-Octadecane (C18)	11.305	2326457	20.000 ug/ml
10) T n-Eicosane (C20)	12.612	2296118	20.000 ug/ml
11) T n-Heneicosane (C21)	13.222	2297489	20.000 ug/ml
13) T n-Docosane (C22)	13.807	2256214	20.000 ug/ml
14) T n-Tetracosane (C24)	14.906	2216955	20.000 ug/ml
15) T n-Hexacosane (C26)	15.925	2118946	20.000 ug/ml
16) T n-Octacosane (C28)	16.870	2076256	20.000 ug/ml
17) T n-Tricontane (C30)	17.755	2041366	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.582	1883187	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.363	1740834	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.097	1622512	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.835	1593684	20.000 ug/ml
22) T n-Tetracontane (C40)	21.752	1638586	20.000 ug/ml

(f)=RT Delta > 1/2 Window

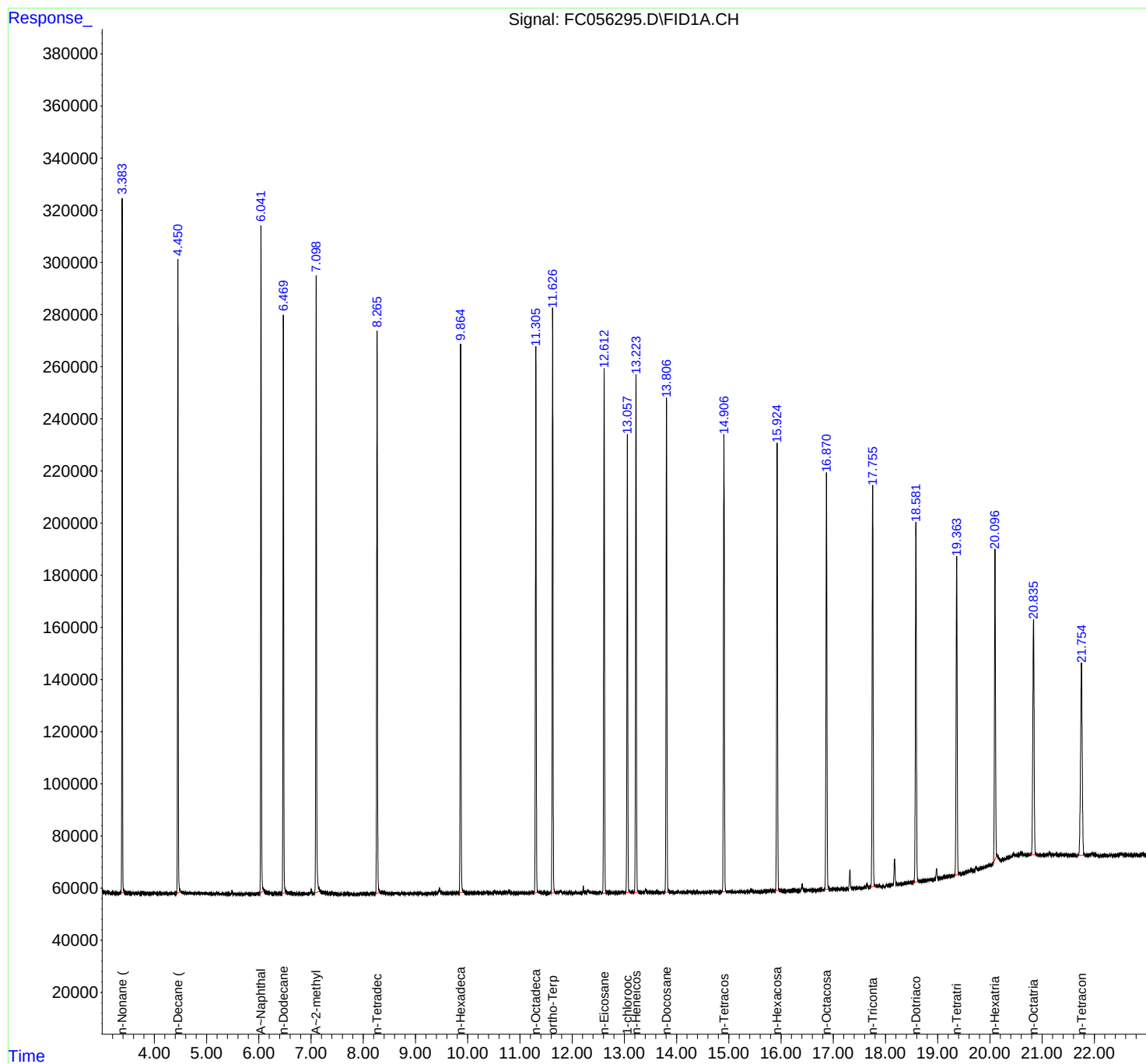
(m)=manual int.

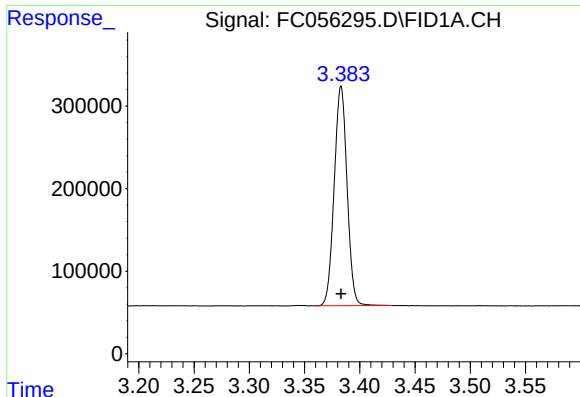
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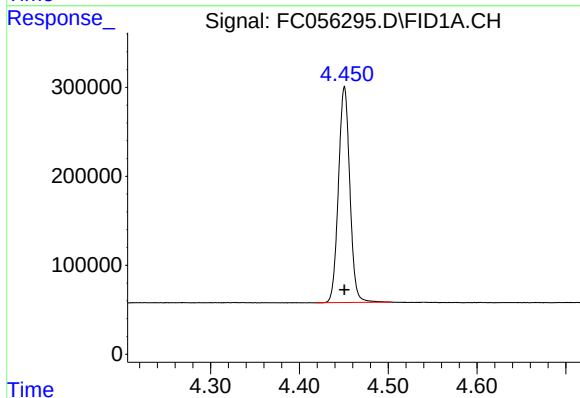




#1 n-Nonane (C9)

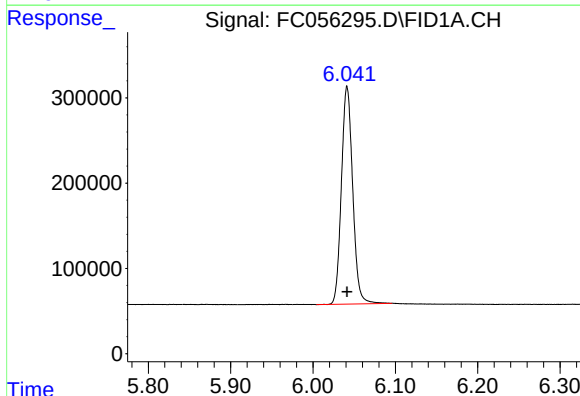
R.T.: 3.383 min
Delta R.T.: 0.000 min
Response: 2155664
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



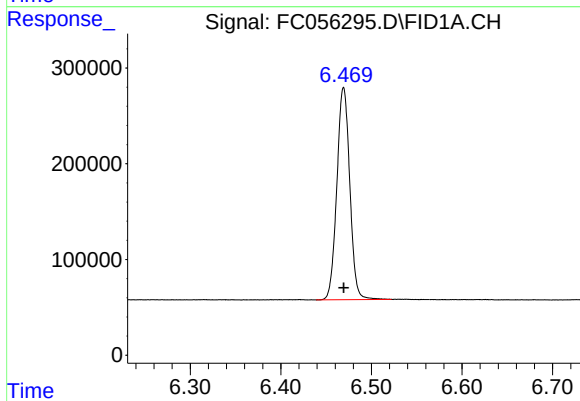
#2 n-Decane (C10)

R.T.: 4.451 min
Delta R.T.: 0.000 min
Response: 2161276
Conc: 20.00 ug/ml



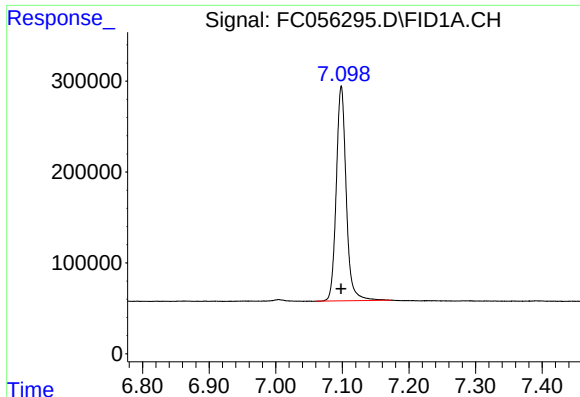
#3 A~Naphthalene (C11.7)

R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 2428819
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

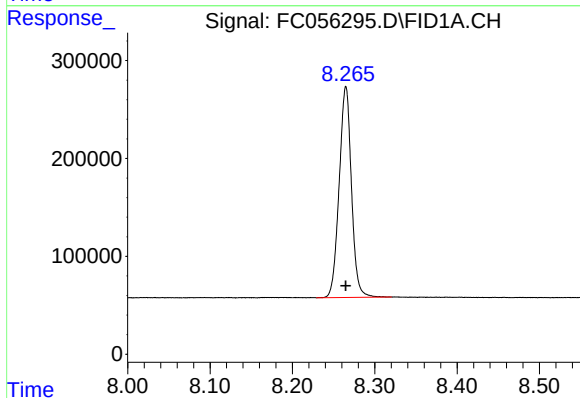
R.T.: 6.469 min
Delta R.T.: 0.000 min
Response: 2197026
Conc: 20.00 ug/ml



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

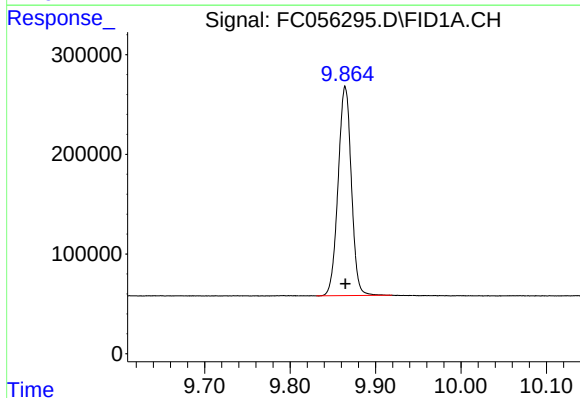
R.T.: 7.098 min
Delta R.T.: 0.000 min
Response: 2455697
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



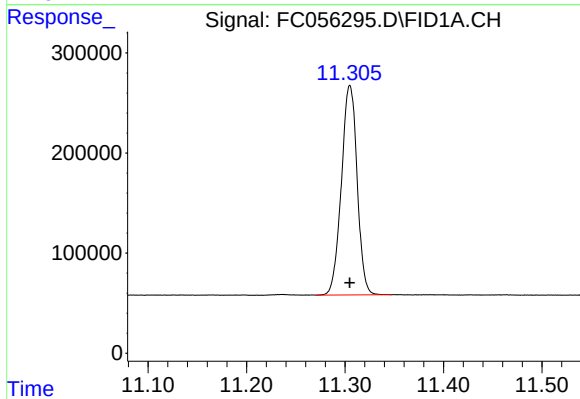
#6 n-Tetradecane (C14)

R.T.: 8.265 min
Delta R.T.: 0.000 min
Response: 2231440
Conc: 20.00 ug/ml



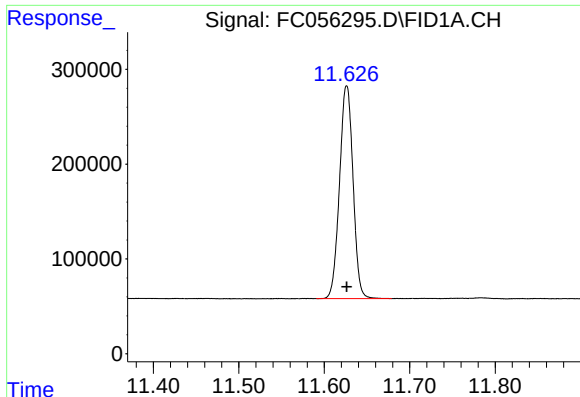
#7 n-Hexadecane (C16)

R.T.: 9.864 min
Delta R.T.: 0.000 min
Response: 2257760
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

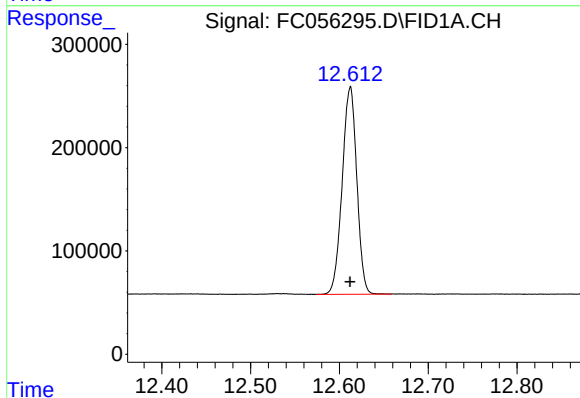
R.T.: 11.305 min
Delta R.T.: 0.000 min
Response: 2326457
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURRE)

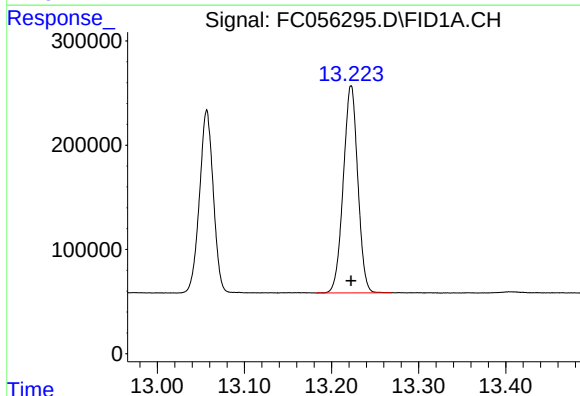
R.T.: 11.626 min
Delta R.T.: 0.000 min
Response: 2467131
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



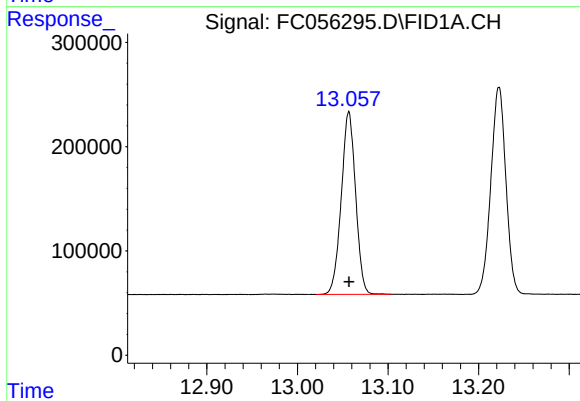
#10 n-Eicosane (C20)

R.T.: 12.612 min
Delta R.T.: 0.000 min
Response: 2296118
Conc: 20.00 ug/ml



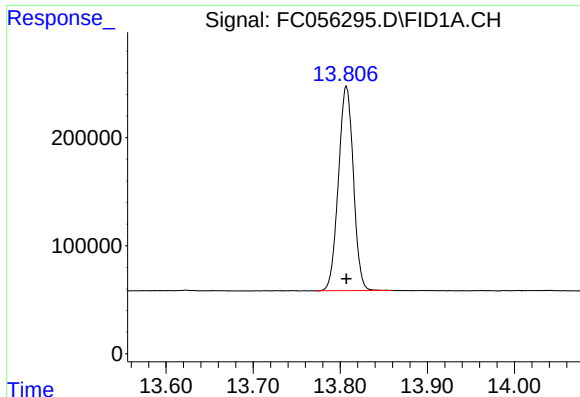
#11 n-Heneicosane (C21)

R.T.: 13.222 min
Delta R.T.: 0.000 min
Response: 2297489
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURRE)

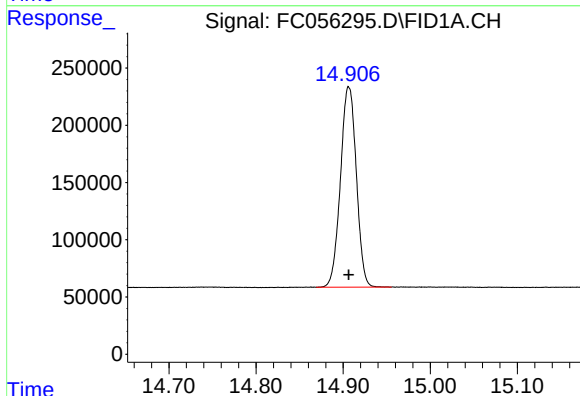
R.T.: 13.057 min
Delta R.T.: 0.000 min
Response: 1928295
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

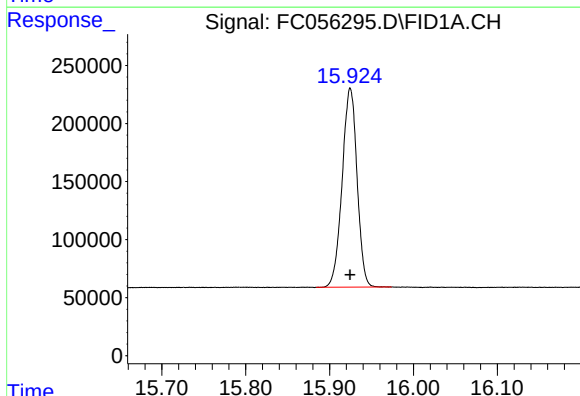
R.T.: 13.807 min
Delta R.T.: 0.000 min
Response: 2256214
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



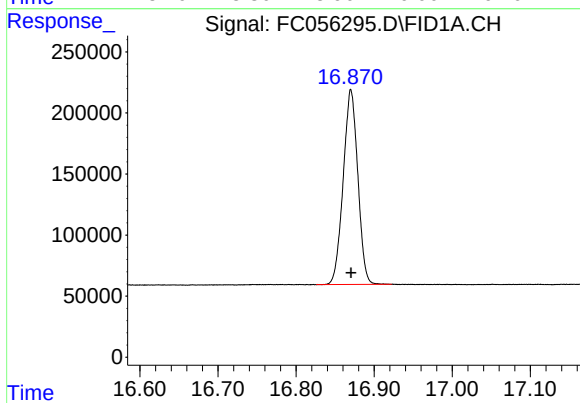
#14 n-Tetracosane (C24)

R.T.: 14.906 min
Delta R.T.: 0.000 min
Response: 2216955
Conc: 20.00 ug/ml



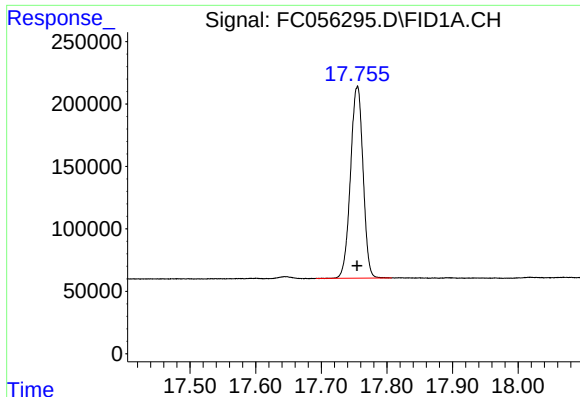
#15 n-Hexacosane (C26)

R.T.: 15.925 min
Delta R.T.: 0.000 min
Response: 2118946
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

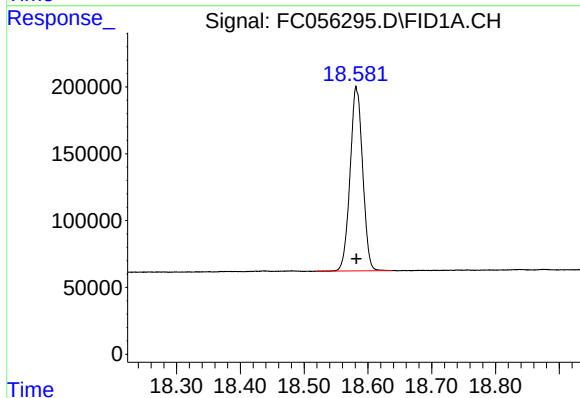
R.T.: 16.870 min
Delta R.T.: 0.000 min
Response: 2076256
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

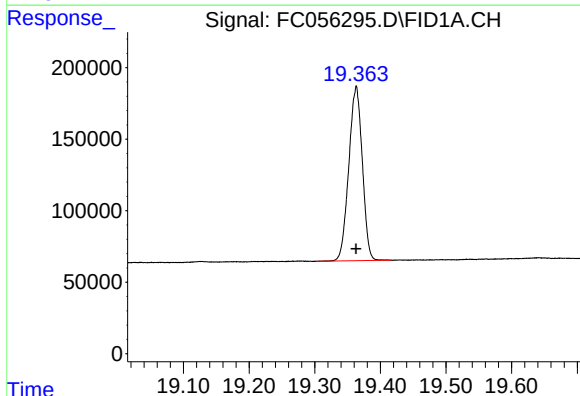
R.T.: 17.755 min
Delta R.T.: 0.000 min
Response: 2041366
Conc: 20.00 ug/ml

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FID_C
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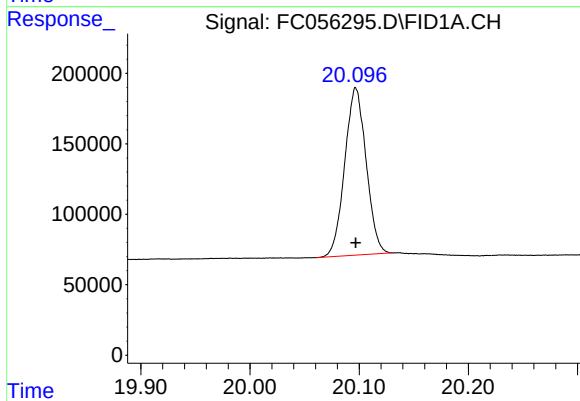
#18 n-Dotriacontane (C32)

R.T.: 18.582 min
Delta R.T.: 0.000 min
Response: 1883187
Conc: 20.00 ug/ml



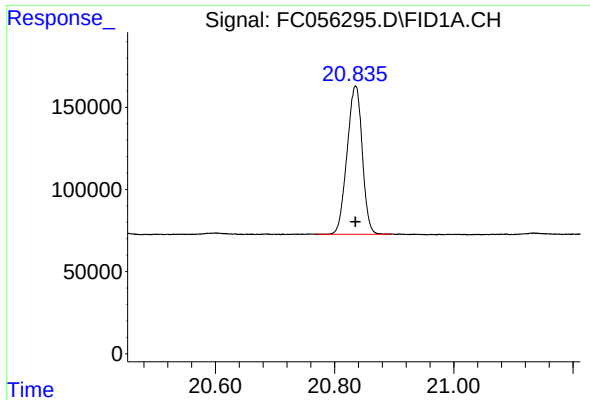
#19 n-Tetratriacontane (C34)

R.T.: 19.363 min
Delta R.T.: 0.000 min
Response: 1740834
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

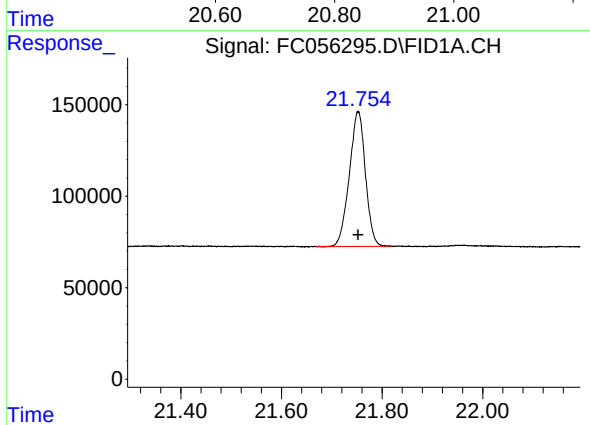
R.T.: 20.097 min
Delta R.T.: 0.000 min
Response: 1622512
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.835 min
Delta R.T.: 0.000 min
Response: 1593684
Conc: 20.00 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.752 min
Delta R.T.: 0.000 min
Response: 1638586
Conc: 20.00 ug/ml