

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080421AL\
 Data File : FC054991.D
 Signal(s) : FID1A.CH
 Acq On : 04 Aug 2021 12:14
 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 05 01:13:38 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)	11.303	2517958	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.744	2015521	20.337 ug/ml
Spiked Amount 50.000		Recovery =	40.67%
Target Compounds			
1) T n-Nonane (C9)	3.138	2083199	19.922 ug/ml
2) T n-Decane (C10)	4.188	2098961	19.932 ug/ml
3) T A~Naphthalene (C11.7)	5.754	2230586	20.528 ug/ml
4) T n-Dodecane (C12)	6.189	2185462	20.126 ug/ml
5) T A~2-methylnaphthalene...	6.804	2255986	20.671 ug/ml
6) T n-Tetradecane (C14)	7.973	2243691	20.098 ug/ml
7) T n-Hexadecane (C16)	9.566	2297978	20.148 ug/ml
8) T n-Octadecane (C18)	11.000	2387156	20.243 ug/ml
10) T n-Eicosane (C20)	12.303	2392902	20.382 ug/ml
11) T n-Heneicosane (C21)	12.913	2407082	20.386 ug/ml
13) T n-Docosane (C22)	13.497	2371026	20.301 ug/ml
14) T n-Tetracosane (C24)	14.596	2376806	20.534 ug/ml
15) T n-Hexacosane (C26)	15.613	2266252	20.222 ug/ml
16) T n-Octacosane (C28)	16.560	2206506	20.323 ug/ml
17) T n-Tricontane (C30)	17.446	2117312	20.279 ug/ml
18) T n-Dotriacontane (C32)	18.277	1961456	19.806 ug/ml
19) T n-Tetratriacontane (C34)	19.058	1874198	19.774 ug/ml
20) T n-Hexatriacontane (C36)	19.796	1782180	19.722 ug/ml
21) T n-Octatriacontane (C38)	20.498	1704605	19.728 ug/ml
22) T n-Tetracontane (C40)	21.305	1755829	19.716 ug/ml

(f)=RT Delta > 1/2 Window

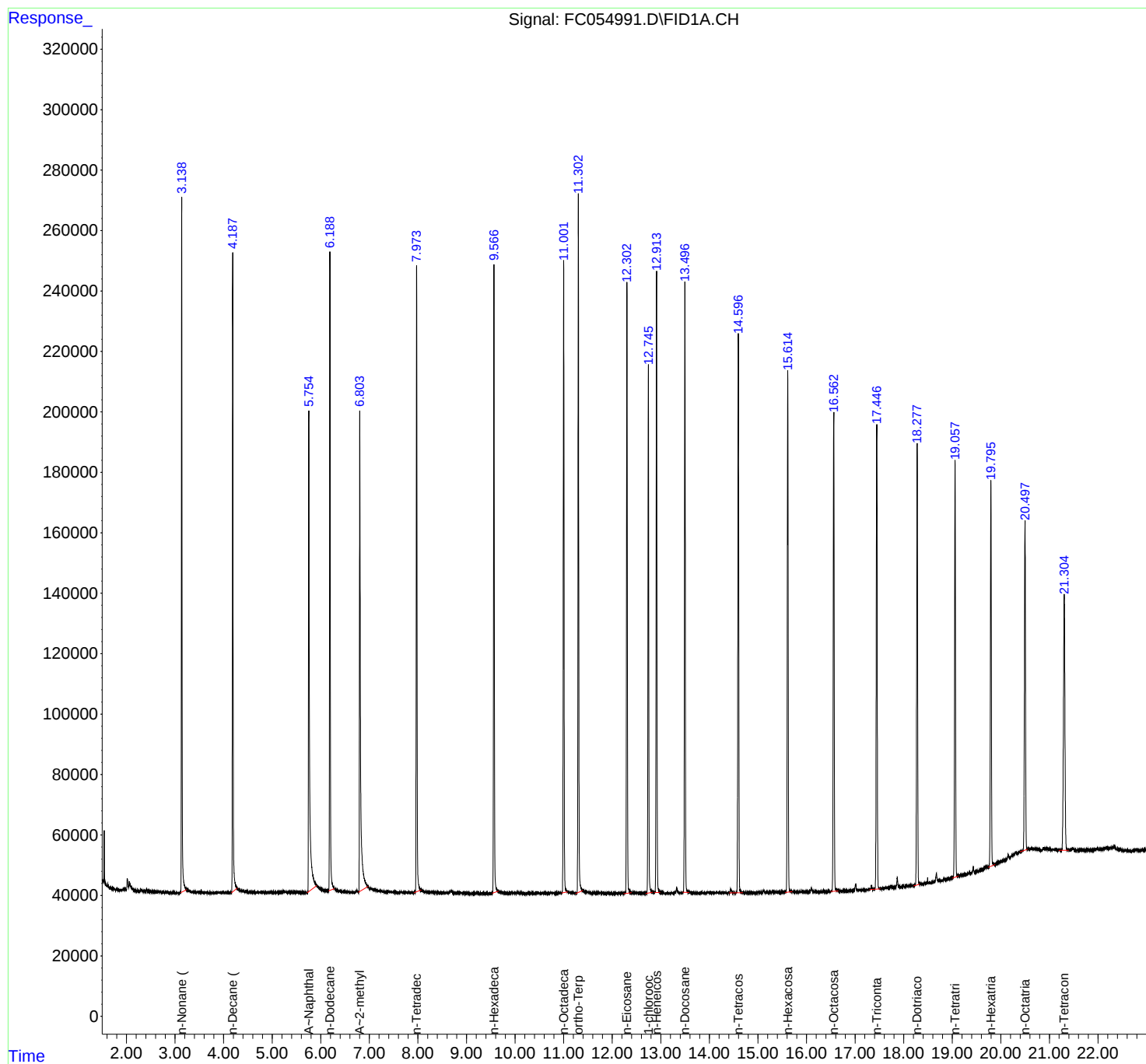
(m)=manual int.

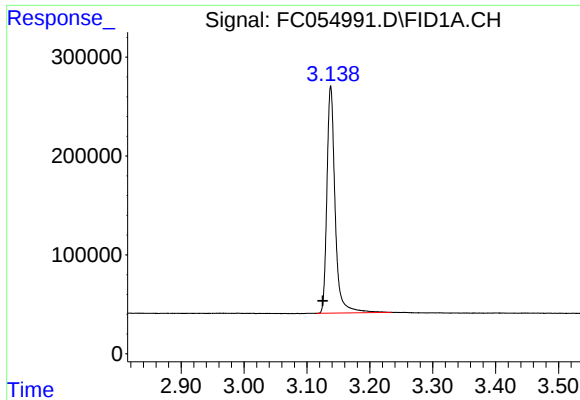
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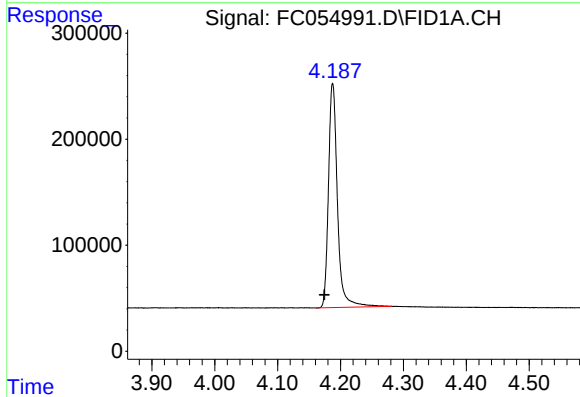




#1 n-Nonane (C9)

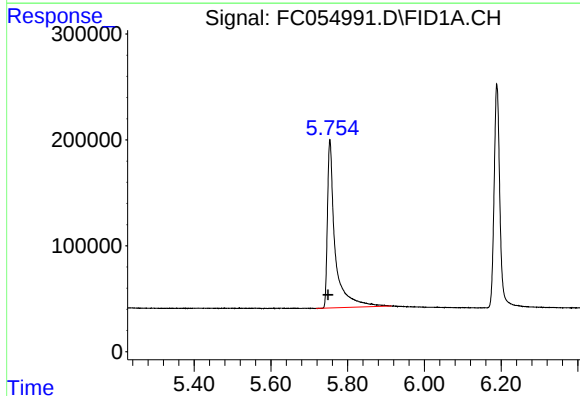
R.T.: 3.138 min
Delta R.T.: 0.013 min
Response: 2083199
Conc: 19.92 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



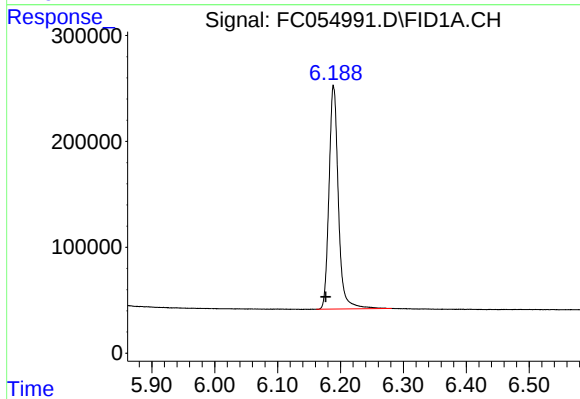
#2 n-Decane (C10)

R.T.: 4.188 min
Delta R.T.: 0.013 min
Response: 2098961
Conc: 19.93 ug/ml



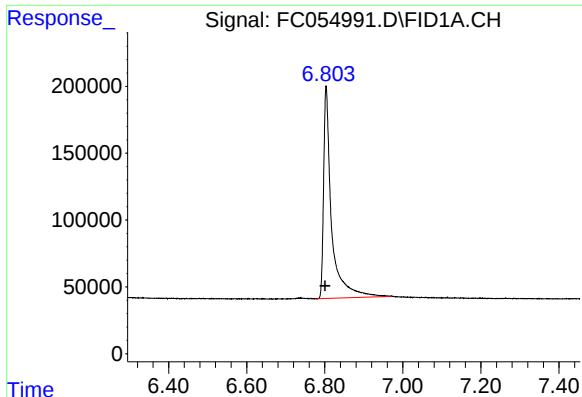
#3 A~Naphthalene (C11.7)

R.T.: 5.754 min
Delta R.T.: 0.006 min
Response: 2230586
Conc: 20.53 ug/ml



#4 n-Dodecane (C12)

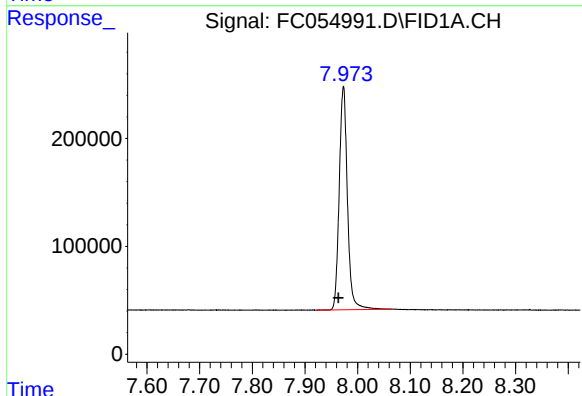
R.T.: 6.189 min
Delta R.T.: 0.012 min
Response: 2185462
Conc: 20.13 ug/ml



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

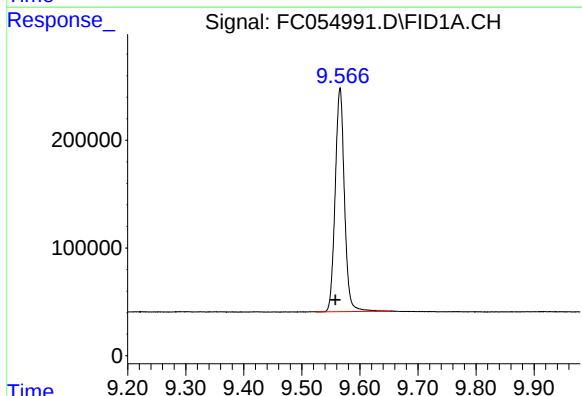
R.T.: 6.804 min
Delta R.T.: 0.004 min
Response: 2255986
Conc: 20.67 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



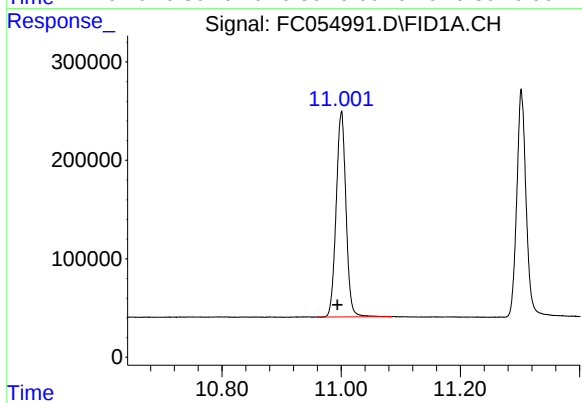
#6 n-Tetradecane (C14)

R.T.: 7.973 min
Delta R.T.: 0.009 min
Response: 2243691
Conc: 20.10 ug/ml



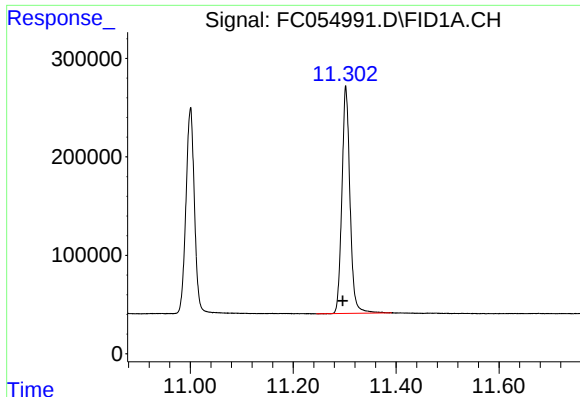
#7 n-Hexadecane (C16)

R.T.: 9.566 min
Delta R.T.: 0.008 min
Response: 2297978
Conc: 20.15 ug/ml



#8 n-Octadecane (C18)

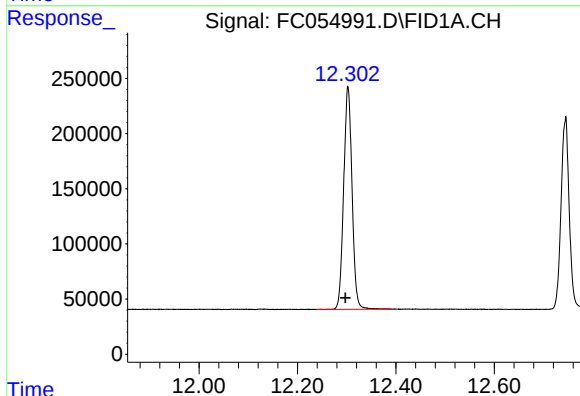
R.T.: 11.000 min
Delta R.T.: 0.006 min
Response: 2387156
Conc: 20.24 ug/ml



#9 ortho-Terphenyl (SURR)

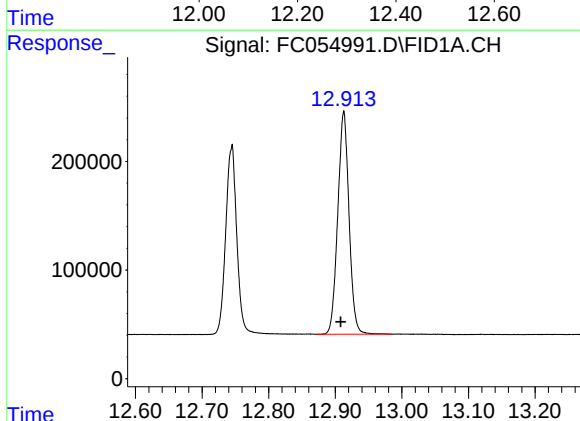
R.T.: 11.303 min
Delta R.T.: 0.006 min
Response: 2517958
Conc: 20.00 ug/ml

Instrument :
FID_C
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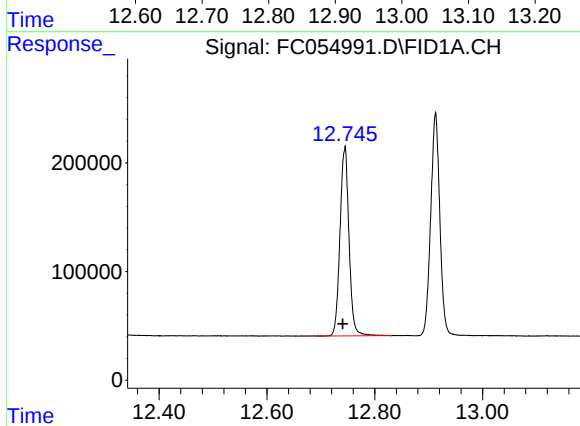
#10 n-Eicosane (C20)

R.T.: 12.303 min
Delta R.T.: 0.005 min
Response: 2392902
Conc: 20.38 ug/ml



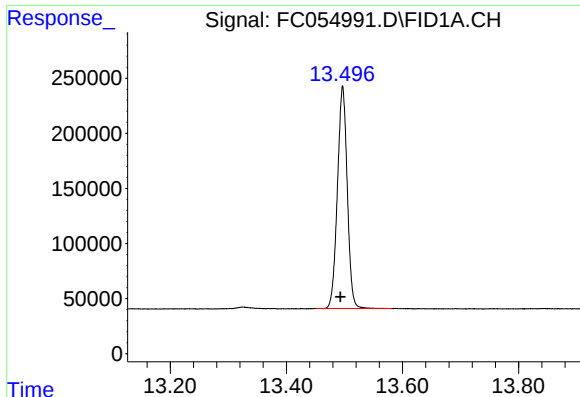
#11 n-Heneicosane (C21)

R.T.: 12.913 min
Delta R.T.: 0.004 min
Response: 2407082
Conc: 20.39 ug/ml



#12 1-chlorooctadecane (SURR)

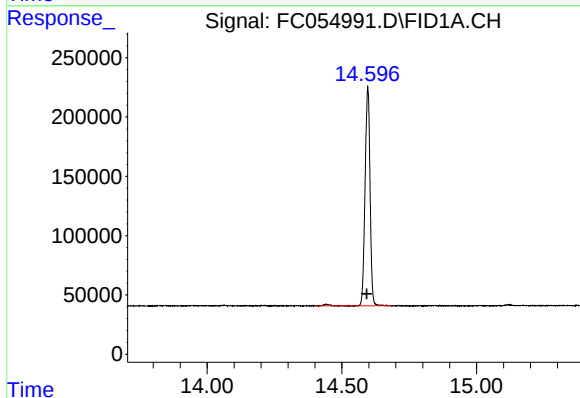
R.T.: 12.744 min
Delta R.T.: 0.003 min
Response: 2015521
Conc: 20.34 ug/ml



#13 n-Docosane (C22)

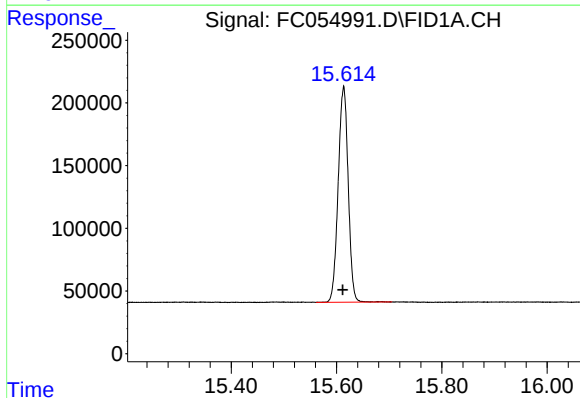
R.T.: 13.497 min
Delta R.T.: 0.004 min
Response: 2371026
Conc: 20.30 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



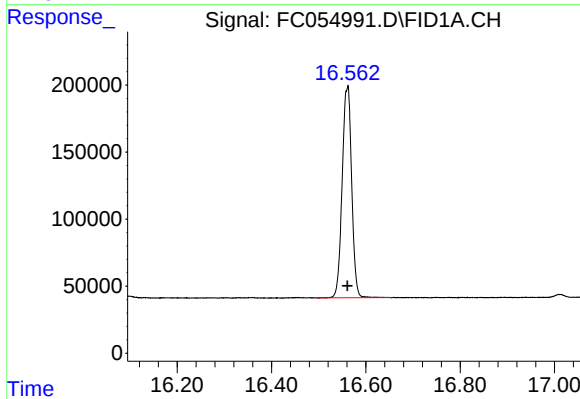
#14 n-Tetracosane (C24)

R.T.: 14.596 min
Delta R.T.: 0.003 min
Response: 2376806
Conc: 20.53 ug/ml



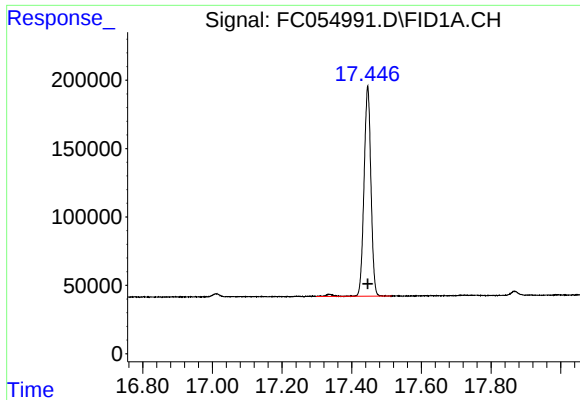
#15 n-Hexacosane (C26)

R.T.: 15.613 min
Delta R.T.: 0.001 min
Response: 2266252
Conc: 20.22 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.560 min
Delta R.T.: 0.000 min
Response: 2206506
Conc: 20.32 ug/ml



#17 n-Tricontane (C30)

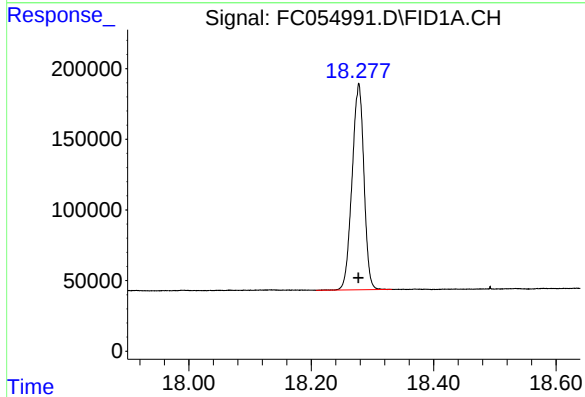
R.T.: 17.446 min

Delta R.T.: 0.000 min

Response: 2117312

Conc: 20.28 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



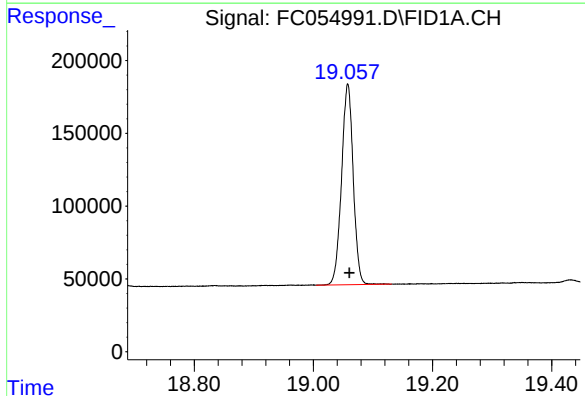
#18 n-Dotriacontane (C32)

R.T.: 18.277 min

Delta R.T.: 0.000 min

Response: 1961456

Conc: 19.81 ug/ml



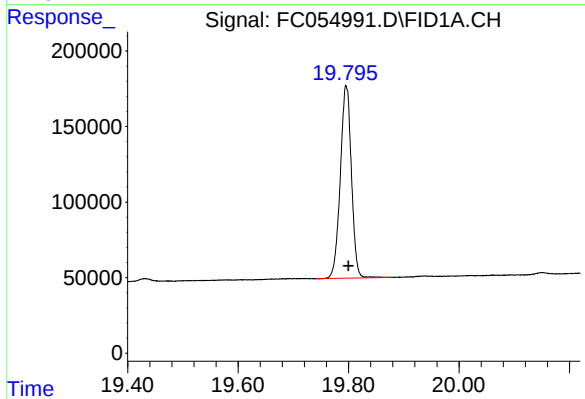
#19 n-Tetratriacontane (C34)

R.T.: 19.058 min

Delta R.T.: -0.003 min

Response: 1874198

Conc: 19.77 ug/ml



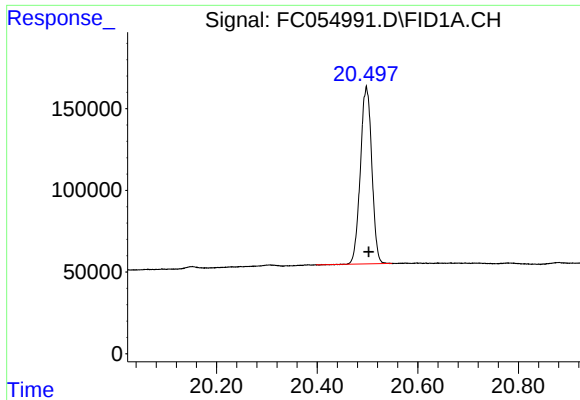
#20 n-Hexatriacontane (C36)

R.T.: 19.796 min

Delta R.T.: -0.004 min

Response: 1782180

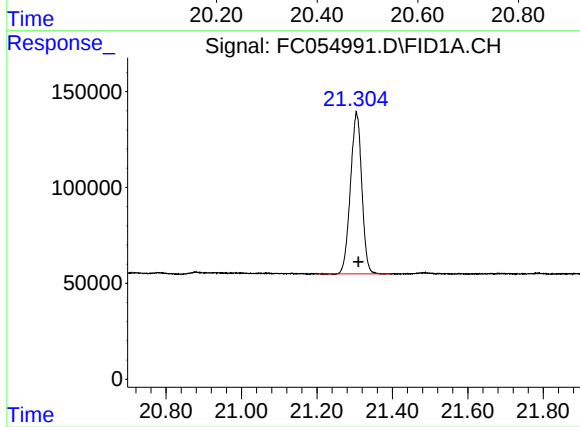
Conc: 19.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.498 min
Delta R.T.: -0.005 min
Response: 1704605
Conc: 19.73 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.305 min
Delta R.T.: -0.005 min
Response: 1755829
Conc: 19.72 ug/ml