

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020420AL\
 Data File : FC045692.D
 Signal(s) : FID1A.CH
 Acq On : 05 Feb 2020 12:40
 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: Feb 05 13:17:16 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 012120.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 04:15:47 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)	11.763	2350783	21.384 ug/ml
Spiked Amount 50.000		Recovery =	42.77%
12) S 1-chlorooctadecane (S...	13.185	1803825	20.747 ug/ml
Spiked Amount 50.000		Recovery =	41.49%
Target Compounds			
1) T n-Nonane (C9)	3.517	2317229	23.957 ug/ml
2) T n-Decane (C10)	4.593	2352221	24.287 ug/ml
3) T A~Naphthalene (C11.7)	6.197	2522304	23.616 ug/ml
4) T n-Dodecane (C12)	6.610	2354083	24.080 ug/ml
5) T A~2-methylnaphthalene...	7.251	2531666	23.618 ug/ml
6) T n-Tetradecane (C14)	8.399	2306862	23.410 ug/ml
7) T n-Hexadecane (C16)	9.995	2280244	22.776 ug/ml
8) T n-Octadecane (C18)	11.432	2240848	22.001 ug/ml
10) T n-Eicosane (C20)	12.739	2187685	21.332 ug/ml
11) T n-Heneicosane (C21)	13.349	2164164	20.908 ug/ml
13) T n-Docosane (C22)	13.933	2124277	20.588 ug/ml
14) T n-Tetracosane (C24)	15.034	2088312	20.097 ug/ml
15) T n-Hexacosane (C26)	16.052	2043723	19.782 ug/ml
16) T n-Octacosane (C28)	16.998	2024048	19.803 ug/ml
17) T n-Tricontane (C30)	17.883	1990244	20.274 ug/ml
18) T n-Dotriacontane (C32)	18.712	1734493	20.845 ug/ml
19) T n-Tetratriacontane (C34)	19.494	1495193	21.128 ug/ml
20) T n-Hexatriacontane (C36)	20.229	1378615	21.501 ug/ml
21) T n-Octatriacontane (C38)	20.998	1289135	22.041 ug/ml
22) T n-Tetracontane (C40)	21.970	1321187	22.396 ug/ml

(f)=RT Delta > 1/2 Window

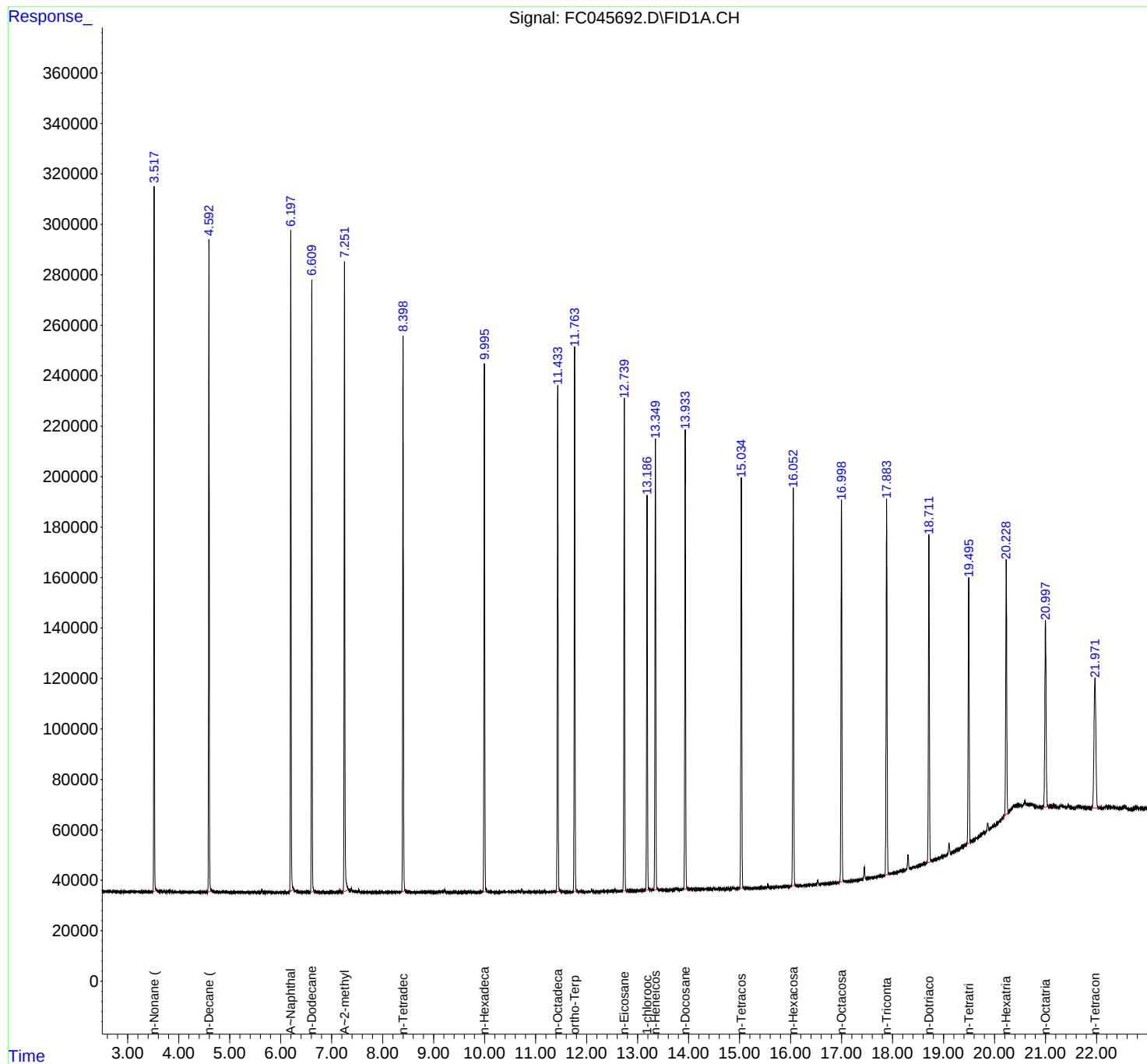
(m)=manual int.

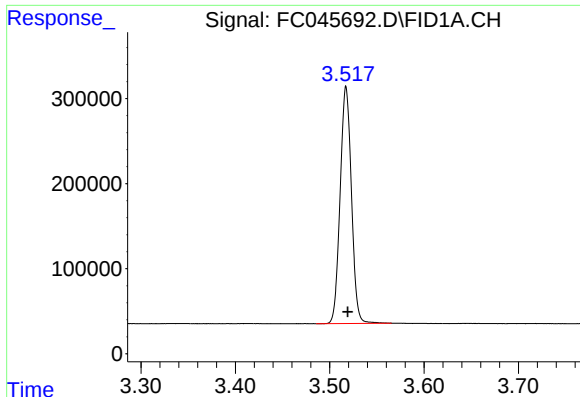
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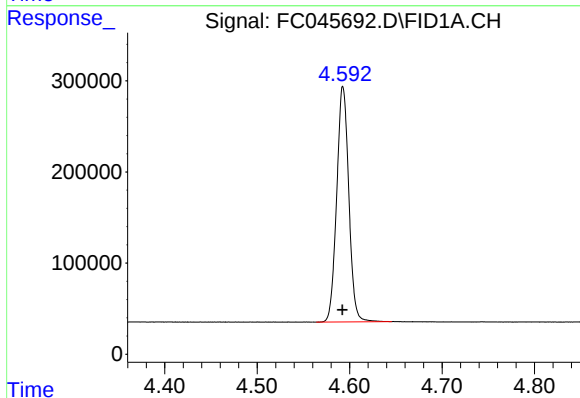




#1 n-Nonane (C9)

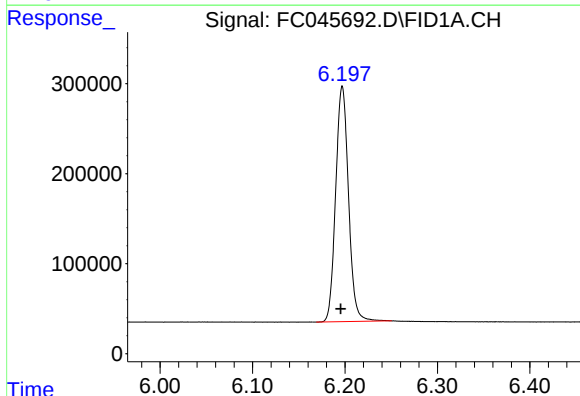
R.T.: 3.517 min
Delta R.T.: -0.002 min
Response: 2317229
Conc: 23.96 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



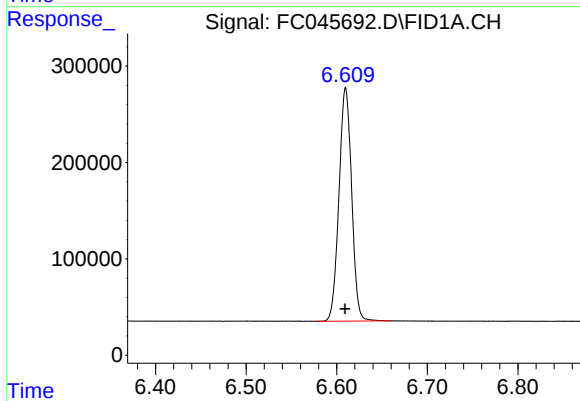
#2 n-Decane (C10)

R.T.: 4.593 min
Delta R.T.: 0.000 min
Response: 2352221
Conc: 24.29 ug/ml



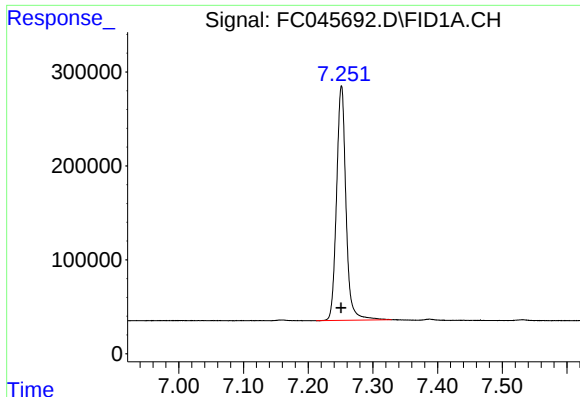
#3 A~Naphthalene (C11.7)

R.T.: 6.197 min
Delta R.T.: 0.002 min
Response: 2522304
Conc: 23.62 ug/ml



#4 n-Dodecane (C12)

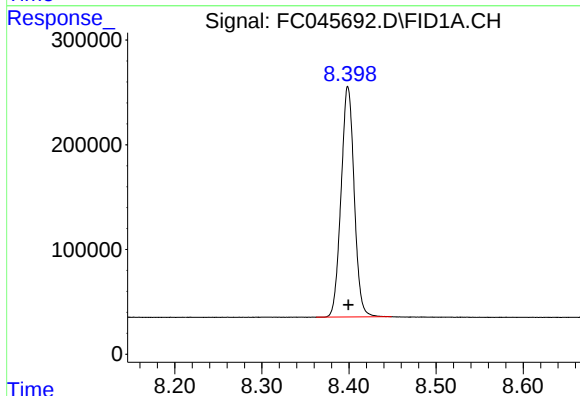
R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 2354083
Conc: 24.08 ug/ml



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

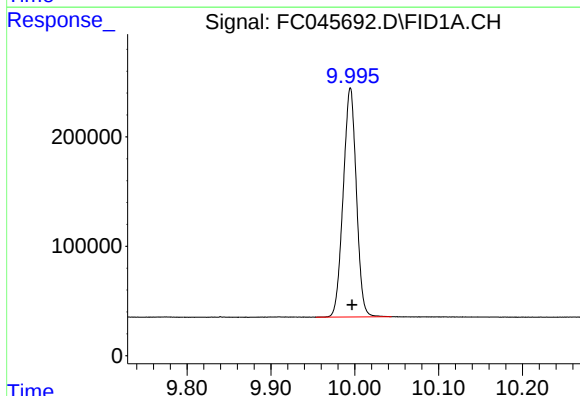
R.T.: 7.251 min
Delta R.T.: 0.000 min
Response: 2531666
Conc: 23.62 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



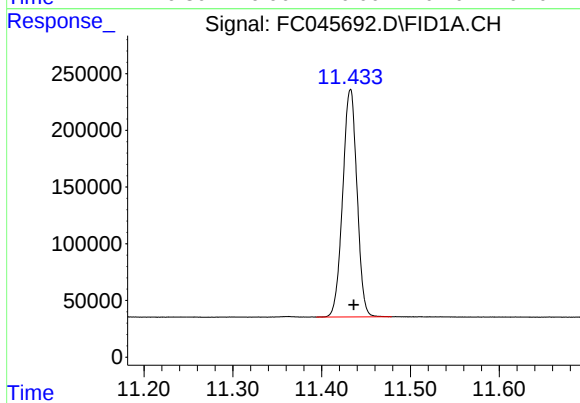
#6 n-Tetradecane (C14)

R.T.: 8.399 min
Delta R.T.: 0.000 min
Response: 2306862
Conc: 23.41 ug/ml



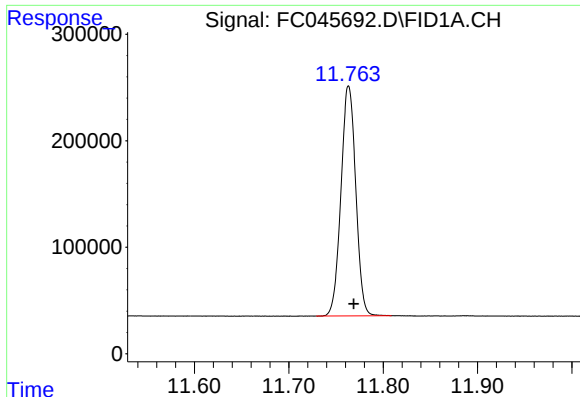
#7 n-Hexadecane (C16)

R.T.: 9.995 min
Delta R.T.: -0.002 min
Response: 2280244
Conc: 22.78 ug/ml



#8 n-Octadecane (C18)

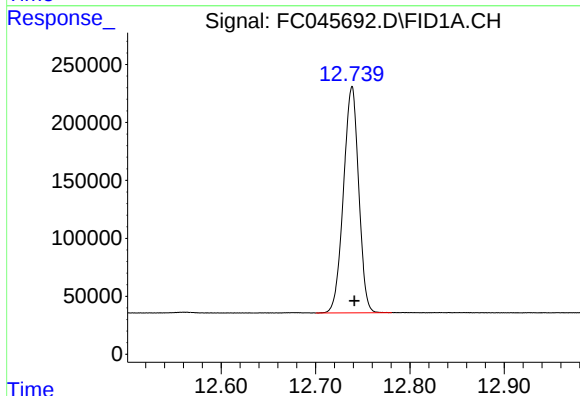
R.T.: 11.432 min
Delta R.T.: -0.004 min
Response: 2240848
Conc: 22.00 ug/ml



#9 ortho-Terphenyl (SURR)

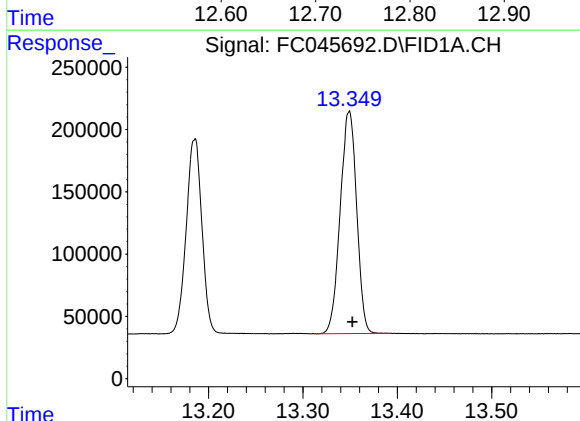
R.T.: 11.763 min
Delta R.T.: -0.006 min
Response: 2350783
Conc: 21.38 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



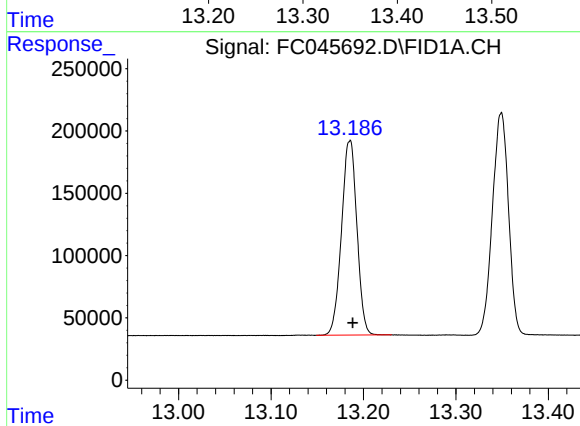
#10 n-Eicosane (C20)

R.T.: 12.739 min
Delta R.T.: -0.003 min
Response: 2187685
Conc: 21.33 ug/ml



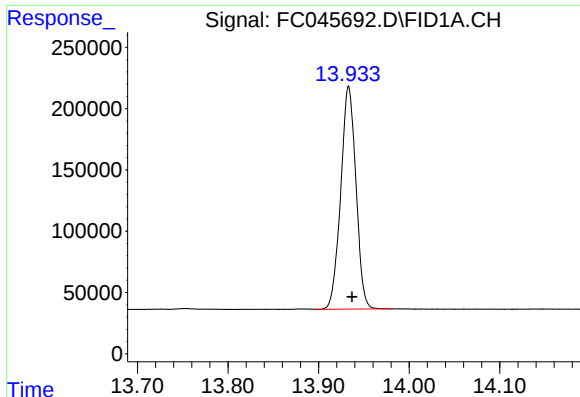
#11 n-Heneicosane (C21)

R.T.: 13.349 min
Delta R.T.: -0.003 min
Response: 2164164
Conc: 20.91 ug/ml



#12 1-chlorooctadecane (SURR)

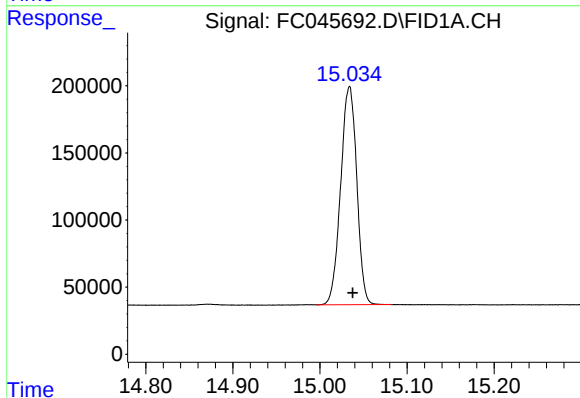
R.T.: 13.185 min
Delta R.T.: -0.003 min
Response: 1803825
Conc: 20.75 ug/ml



#13 n-Docosane (C22)

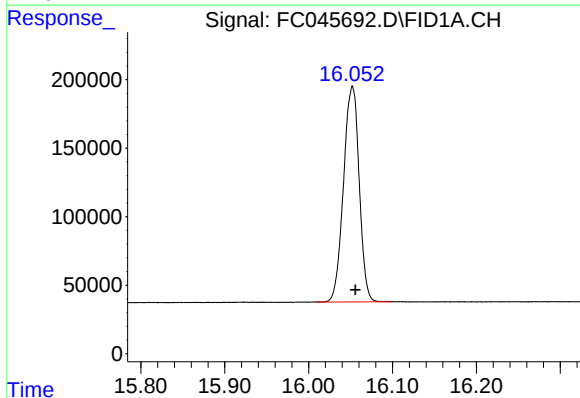
R.T.: 13.933 min
Delta R.T.: -0.004 min
Response: 2124277
Conc: 20.59 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



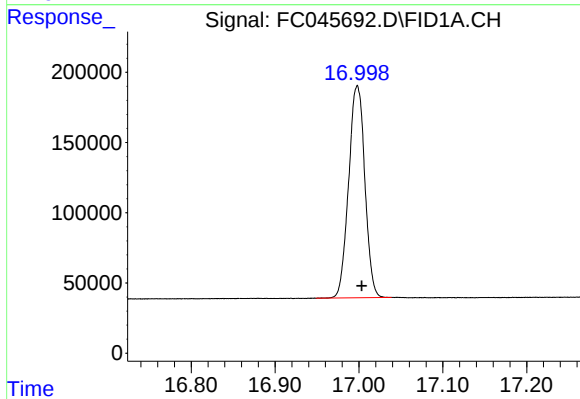
#14 n-Tetracosane (C24)

R.T.: 15.034 min
Delta R.T.: -0.004 min
Response: 2088312
Conc: 20.10 ug/ml



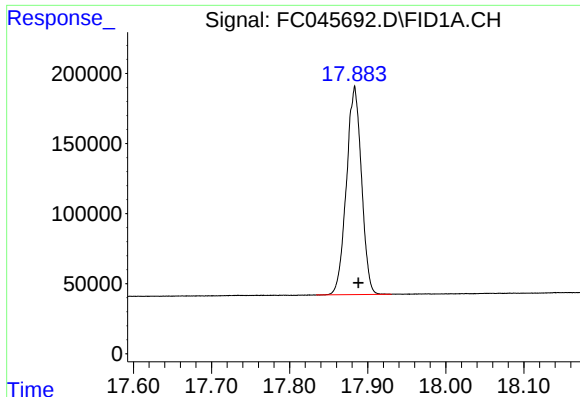
#15 n-Hexacosane (C26)

R.T.: 16.052 min
Delta R.T.: -0.003 min
Response: 2043723
Conc: 19.78 ug/ml



#16 n-Octacosane (C28)

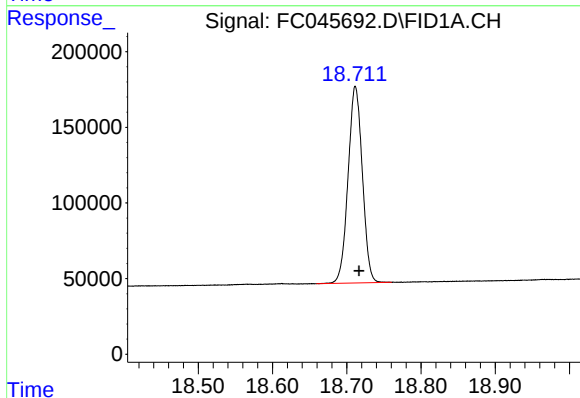
R.T.: 16.998 min
Delta R.T.: -0.005 min
Response: 2024048
Conc: 19.80 ug/ml



#17 n-Tricontane (C30)

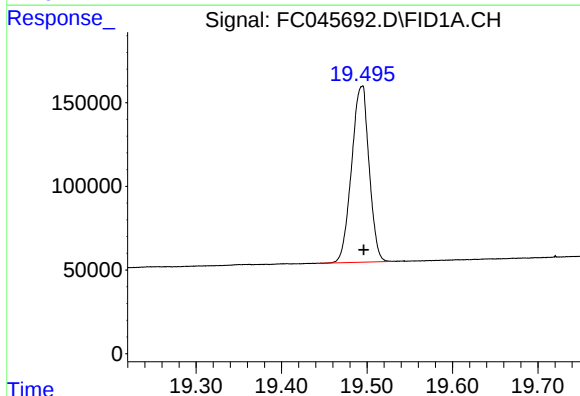
R.T.: 17.883 min
Delta R.T.: -0.005 min
Response: 1990244
Conc: 20.27 ug/ml

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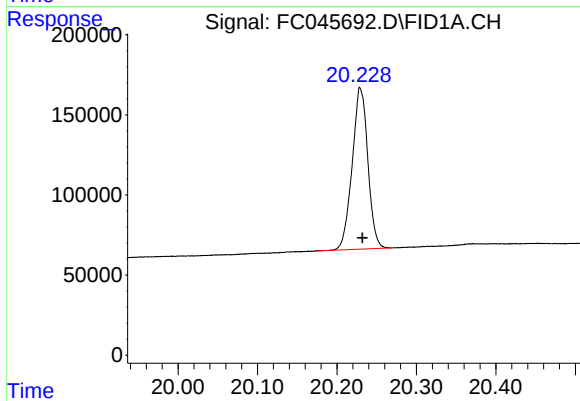
#18 n-Dotriacontane (C32)

R.T.: 18.712 min
Delta R.T.: -0.005 min
Response: 1734493
Conc: 20.84 ug/ml



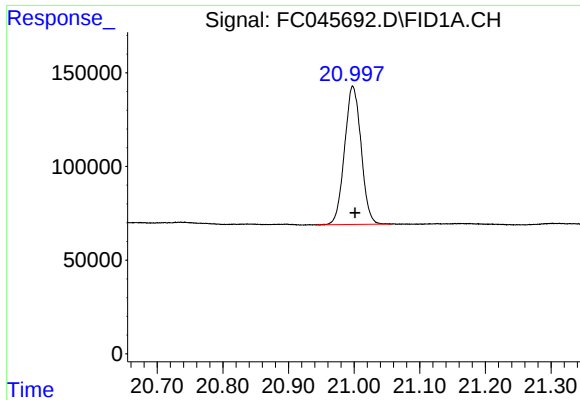
#19 n-Tetratriacontane (C34)

R.T.: 19.494 min
Delta R.T.: -0.002 min
Response: 1495193
Conc: 21.13 ug/ml



#20 n-Hexatriacontane (C36)

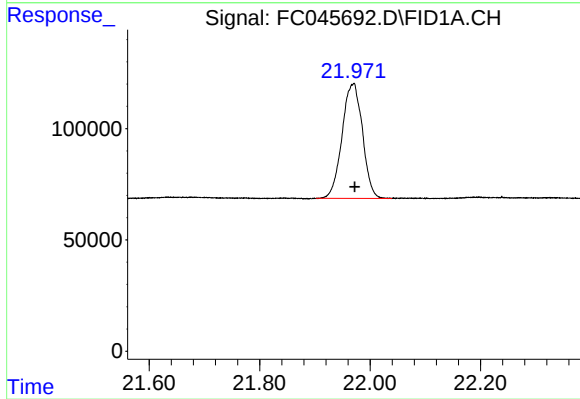
R.T.: 20.229 min
Delta R.T.: -0.003 min
Response: 1378615
Conc: 21.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.998 min
Delta R.T.: -0.004 min
Response: 1289135
Conc: 22.04 ug/ml

Instrument :
FID_C
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 21.970 min
Delta R.T.: -0.002 min
Response: 1321187
Conc: 22.40 ug/ml