

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011921AL\
 Data File : FC051759.D
 Signal(s) : FID1A.CH
 Acq On : 19 Jan 2021 22:39
 Operator : DD\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Jan 20 00:41:09 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 011921.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 20 00:39:02 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)	11.690	1323819	10.184 ug/ml
Spiked Amount 50.000		Recovery =	20.37%
12) S 1-chlorooctadecane (S...	13.122	1068909	10.181 ug/ml
Spiked Amount 50.000		Recovery =	20.36%
Target Compounds			
1) T n-Nonane (C9)	3.442	1135281	10.144 ug/ml
2) T n-Decane (C10)	4.511	1147644	10.184 ug/ml
3) T A~Naphthalene (C11.7)	6.103	1293510	10.167 ug/ml
4) T n-Dodecane (C12)	6.530	1167064	10.157 ug/ml
5) T A~2-methylnaphthalene...	7.159	1325132	10.170 ug/ml
6) T n-Tetradecane (C14)	8.326	1174861	10.122 ug/ml
7) T n-Hexadecane (C16)	9.926	1175846	10.159 ug/ml
8) T n-Octadecane (C18)	11.367	1236254	10.196 ug/ml
10) T n-Eicosane (C20)	12.676	1257197	10.218 ug/ml
11) T n-Heneicosane (C21)	13.288	1264667	10.244 ug/ml
13) T n-Docosane (C22)	13.875	1266189	10.238 ug/ml
14) T n-Tetracosane (C24)	14.977	1268279	10.255 ug/ml
15) T n-Hexacosane (C26)	15.998	1246053	10.276 ug/ml
16) T n-Octacosane (C28)	16.948	1210766	10.235 ug/ml
17) T n-Tricontane (C30)	17.835	1156044	10.211 ug/ml
18) T n-Dotriacontane (C32)	18.668	1060094	10.196 ug/ml
19) T n-Tetratriacontane (C34)	19.452	960813	10.086 ug/ml
20) T n-Hexatriacontane (C36)	20.191	889562	9.972 ug/ml
21) T n-Octatriacontane (C38)	20.946	846012	10.124 ug/ml
22) T n-Tetracontane (C40)	21.892	886331	10.056 ug/ml

(f)=RT Delta > 1/2 Window

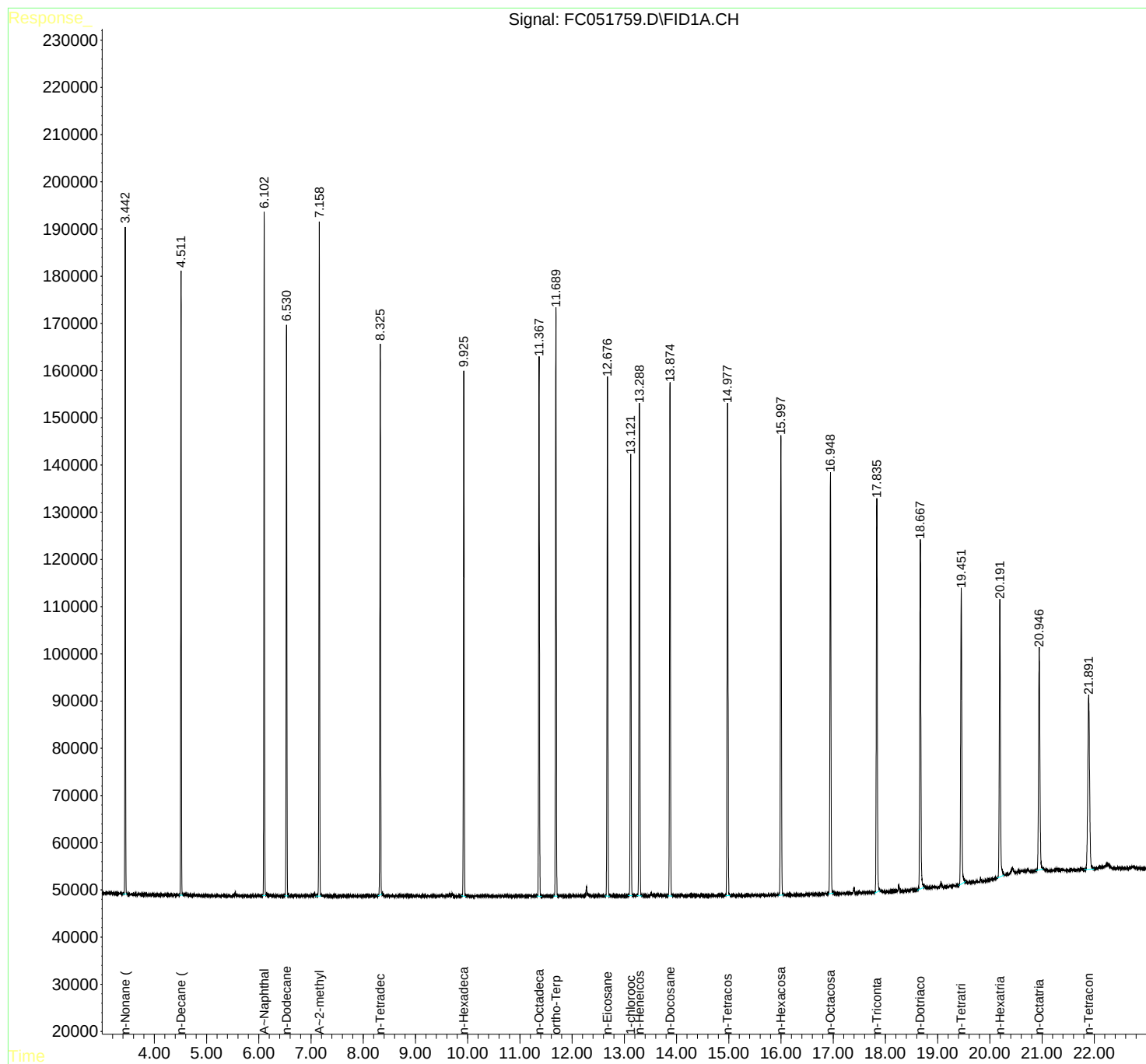
(m)=manual int.

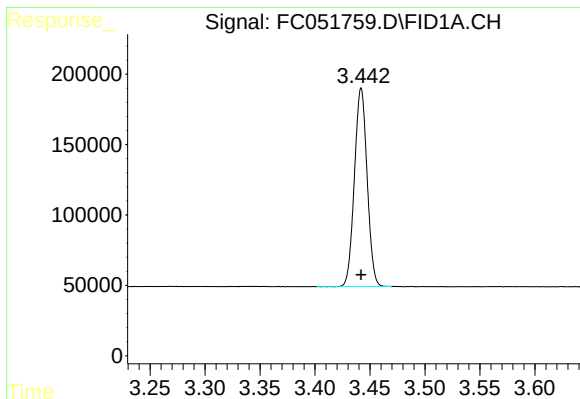
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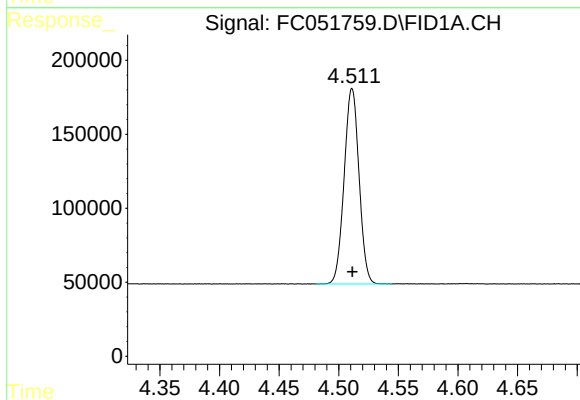




#1 n-Nonane (C9)

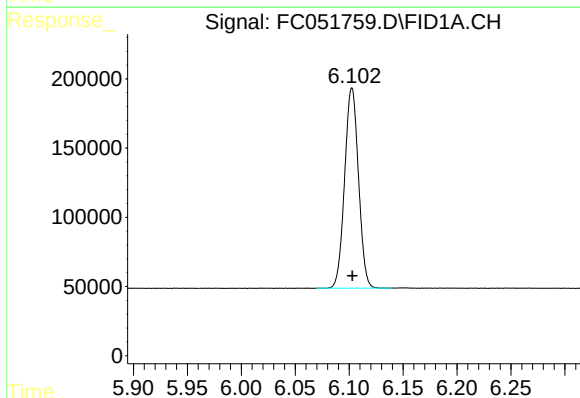
R.T.: 3.442 min
Delta R.T.: 0.000 min
Response: 1135281
Conc: 10.14 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



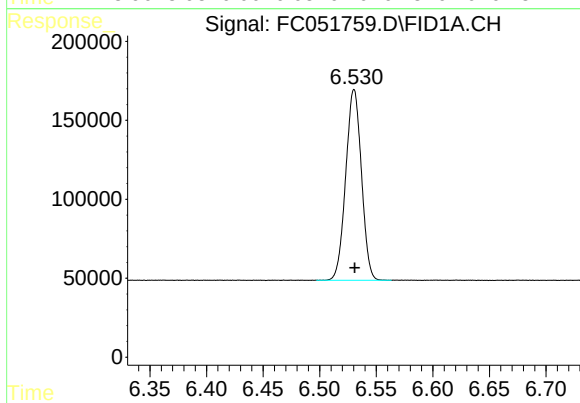
#2 n-Decane (C10)

R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 1147644
Conc: 10.18 ug/ml



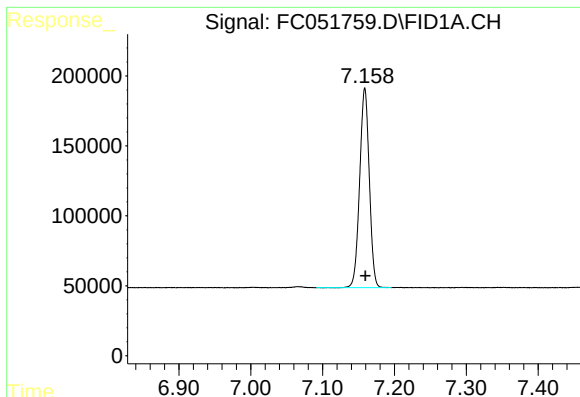
#3 A~Naphthalene (C11.7)

R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 1293510
Conc: 10.17 ug/ml



#4 n-Dodecane (C12)

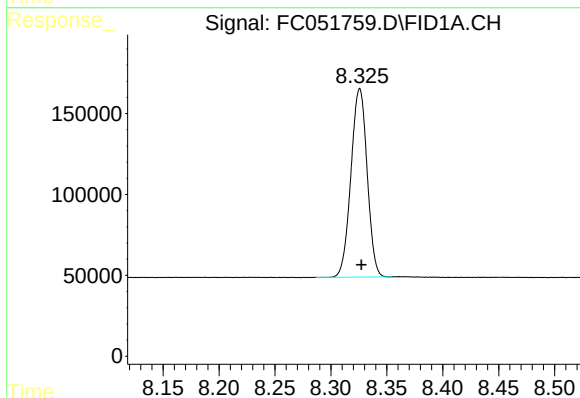
R.T.: 6.530 min
Delta R.T.: 0.000 min
Response: 1167064
Conc: 10.16 ug/ml



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

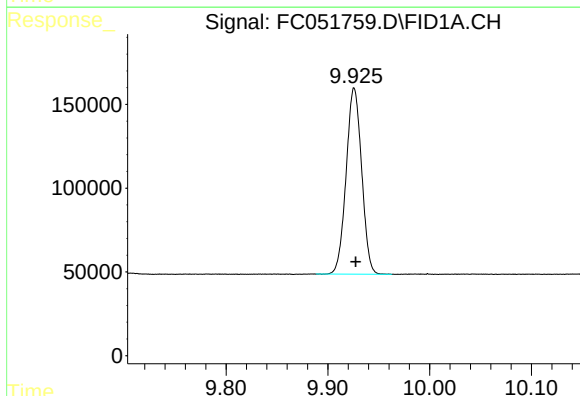
R.T.: 7.159 min
Delta R.T.: 0.000 min
Response: 1325132
Conc: 10.17 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



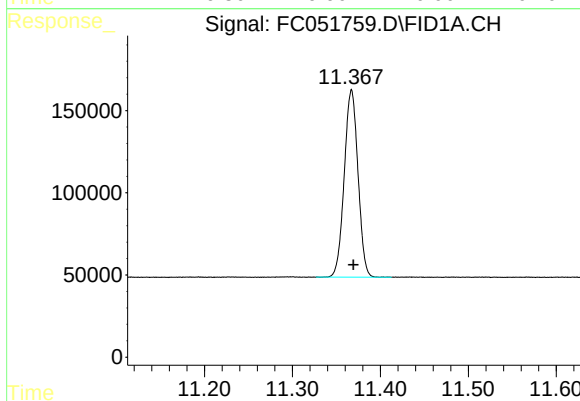
#6 n-Tetradecane (C14)

R.T.: 8.326 min
Delta R.T.: -0.001 min
Response: 1174861
Conc: 10.12 ug/ml



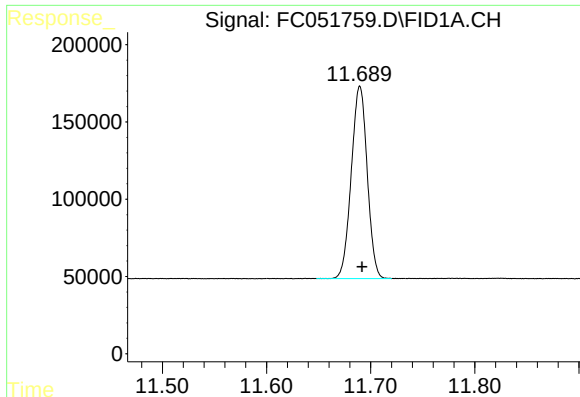
#7 n-Hexadecane (C16)

R.T.: 9.926 min
Delta R.T.: -0.002 min
Response: 1175846
Conc: 10.16 ug/ml



#8 n-Octadecane (C18)

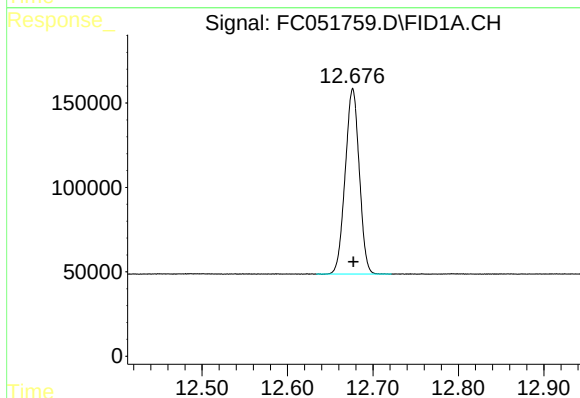
R.T.: 11.367 min
Delta R.T.: -0.002 min
Response: 1236254
Conc: 10.20 ug/ml



#9 ortho-Terphenyl (SURR)

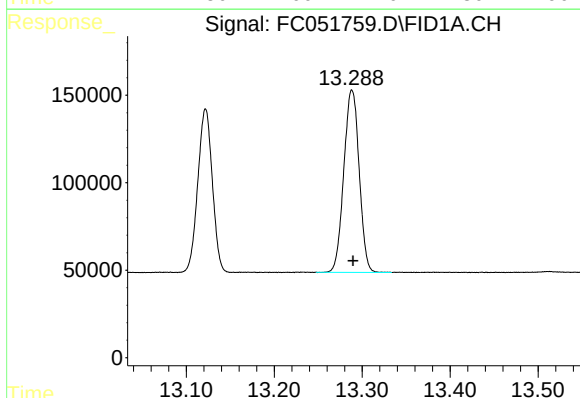
R.T.: 11.690 min
Delta R.T.: -0.002 min
Response: 1323819
Conc: 10.18 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



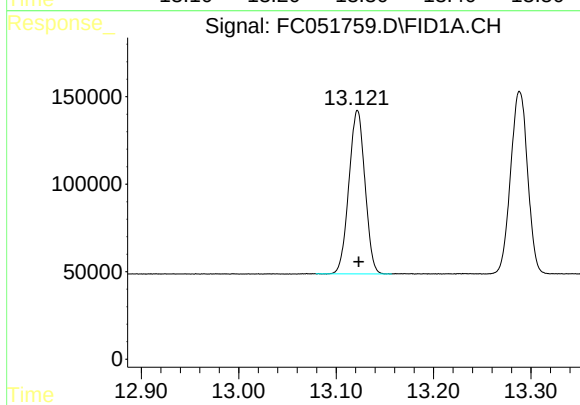
#10 n-Eicosane (C20)

R.T.: 12.676 min
Delta R.T.: 0.000 min
Response: 1257197
Conc: 10.22 ug/ml



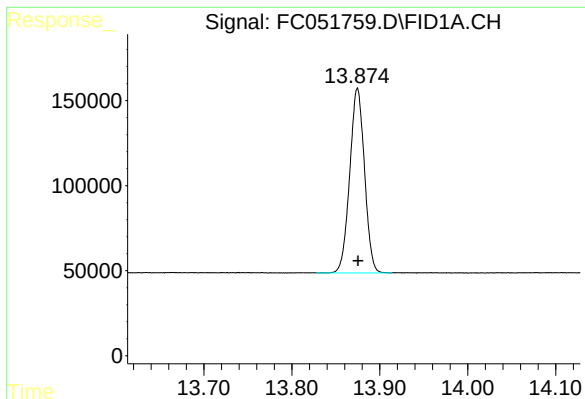
#11 n-Heneicosane (C21)

R.T.: 13.288 min
Delta R.T.: -0.001 min
Response: 1264667
Conc: 10.24 ug/ml



#12 1-chlorooctadecane (SURR)

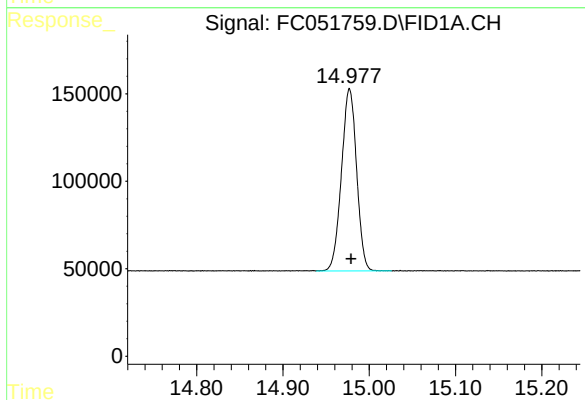
R.T.: 13.122 min
Delta R.T.: -0.001 min
Response: 1068909
Conc: 10.18 ug/ml



#13 n-Docosane (C22)

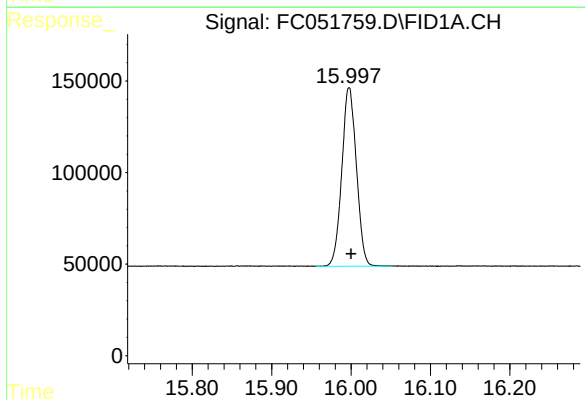
R.T.: 13.875 min
Delta R.T.: 0.000 min
Response: 1266189
Conc: 10.24 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



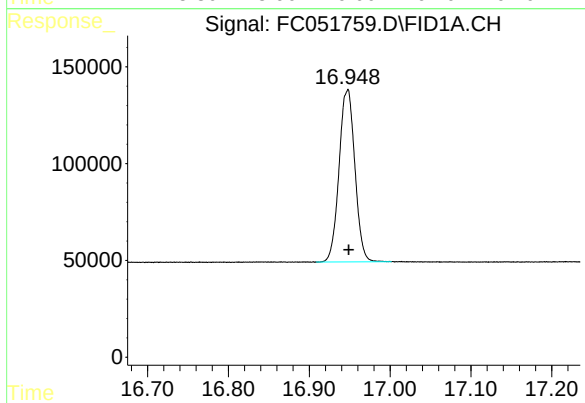
#14 n-Tetracosane (C24)

R.T.: 14.977 min
Delta R.T.: -0.002 min
Response: 1268279
Conc: 10.26 ug/ml



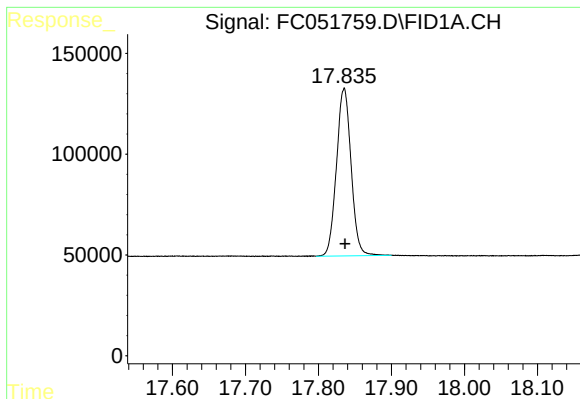
#15 n-Hexacosane (C26)

R.T.: 15.998 min
Delta R.T.: -0.002 min
Response: 1246053
Conc: 10.28 ug/ml



#16 n-Octacosane (C28)

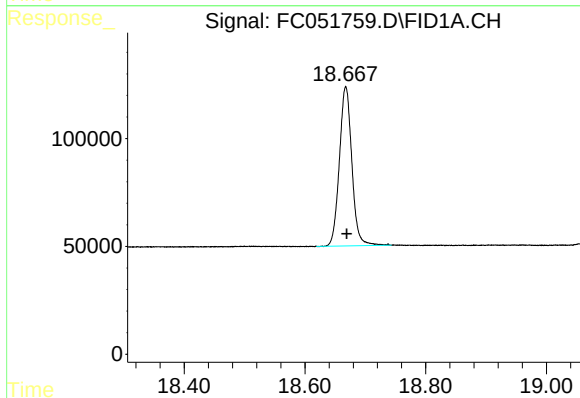
R.T.: 16.948 min
Delta R.T.: -0.001 min
Response: 1210766
Conc: 10.24 ug/ml



#17 n-Tricontane (C30)

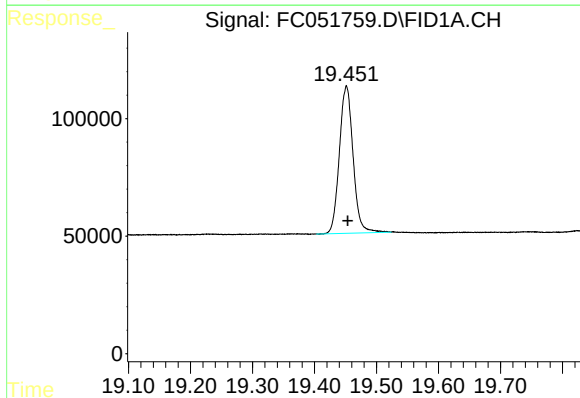
R.T.: 17.835 min
Delta R.T.: -0.002 min
Response: 1156044
Conc: 10.21 ug/ml

Instrument :
FID_C
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10 PPM ALIPHATIC HC STD4



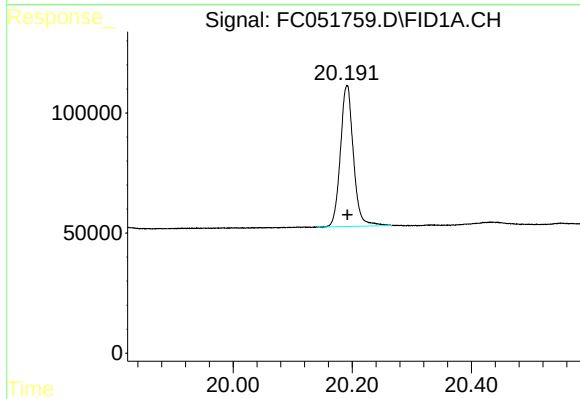
#18 n-Dotriacontane (C32)

R.T.: 18.668 min
Delta R.T.: -0.002 min
Response: 1060094
Conc: 10.20 ug/ml



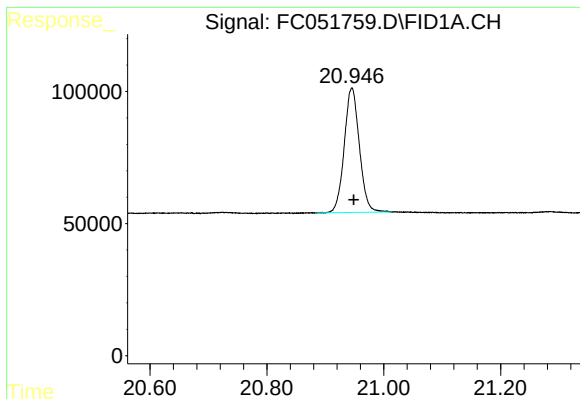
#19 n-Tetratriacontane (C34)

R.T.: 19.452 min
Delta R.T.: -0.002 min
Response: 960813
Conc: 10.09 ug/ml



#20 n-Hexatriacontane (C36)

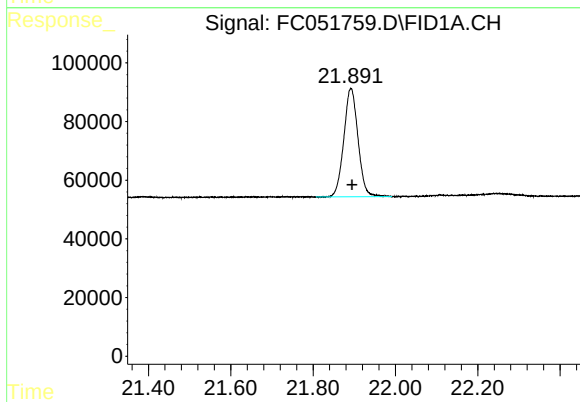
R.T.: 20.191 min
Delta R.T.: 0.000 min
Response: 889562
Conc: 9.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.946 min
Delta R.T.: -0.003 min
Response: 846012
Conc: 10.12 ug/ml

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FID_C
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10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.892 min
Delta R.T.: -0.003 min
Response: 886331
Conc: 10.06 ug/ml