

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121018AL\
 Data File : FC038084.D
 Signal(s) : FID1A.CH
 Acq On : 10 Dec 2018 14:32
 Operator : AJ\SJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Dec 10 17:07:15 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 121018.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 10 17:06:19 2018
 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)	11.285	1273453	9.878 ug/ml
Spiked Amount 50.000		Recovery =	19.76%
12) S 1-chlorooctadecane (S...	12.728	993996	9.989 ug/ml
Spiked Amount 50.000		Recovery =	19.98%
Target Compounds			
1) T n-Nonane (C9)	3.122	1002042	9.848 ug/ml
2) T n-Decane (C10)	4.180	1010110	9.793 ug/ml
3) T A~Naphthalene (C11.7)	5.741	1122529	9.614 ug/ml
4) T n-Dodecane (C12)	6.184	1050265	9.900 ug/ml
5) T A~2-methylnaphthalene...	6.789	1103386	9.393 ug/ml
6) T n-Tetradecane (C14)	7.966	1087651	9.937 ug/ml
7) T n-Hexadecane (C16)	9.555	1135570	10.020 ug/ml
8) T n-Octadecane (C18)	10.988	1202850	10.201 ug/ml
10) T n-Eicosane (C20)	12.290	1198192	10.146 ug/ml
11) T n-Heneicosane (C21)	12.899	1147753	9.992 ug/ml
13) T n-Docosane (C22)	13.482	1143534	9.997 ug/ml
14) T n-Tetracosane (C24)	14.580	1138071	10.059 ug/ml
15) T n-Hexacosane (C26)	15.595	1118642	10.124 ug/ml
16) T n-Octacosane (C28)	16.540	1130041	10.312 ug/ml
17) T n-Tricontane (C30)	17.425	1116327	10.494 ug/ml
18) T n-Dotriacontane (C32)	18.255	1039431	10.637 ug/ml
19) T n-Tetratriacontane (C34)	19.033	899107	10.609 ug/ml
20) T n-Hexatriacontane (C36)	19.768	799548	10.458 ug/ml
21) T n-Octatriacontane (C38)	20.470	788358	10.615 ug/ml
22) T n-Tetracontane (C40)	21.273	904801	11.024 ug/ml

(f)=RT Delta > 1/2 Window

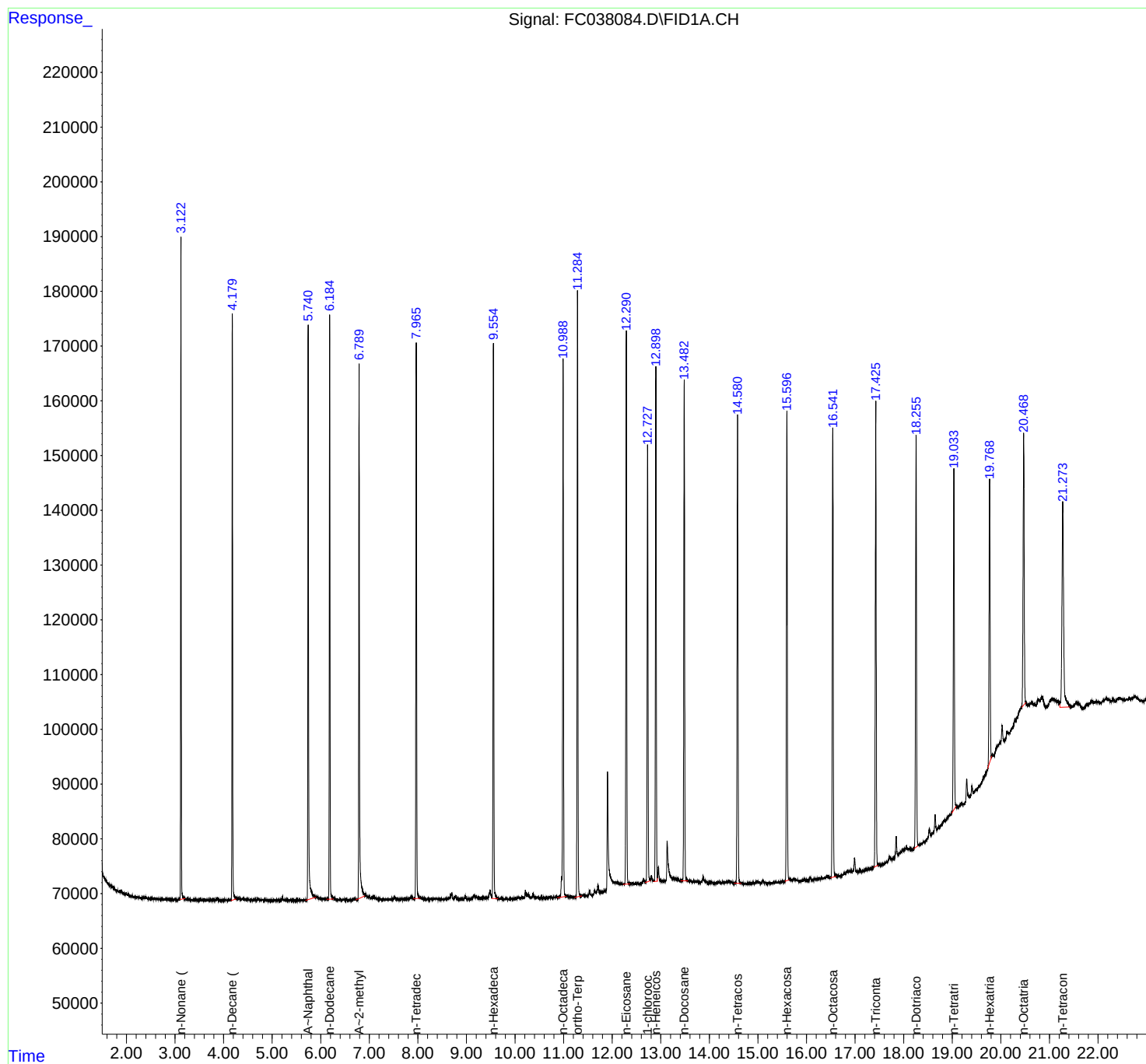
(m)=manual int.

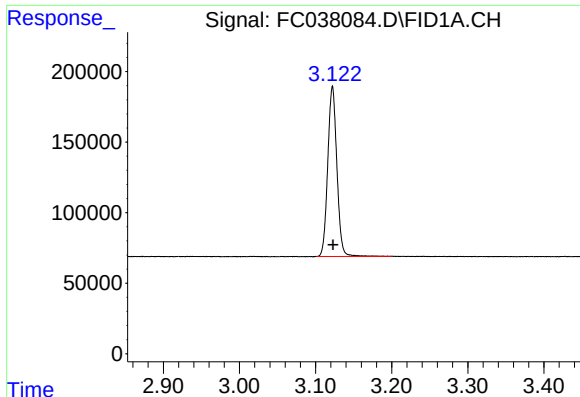
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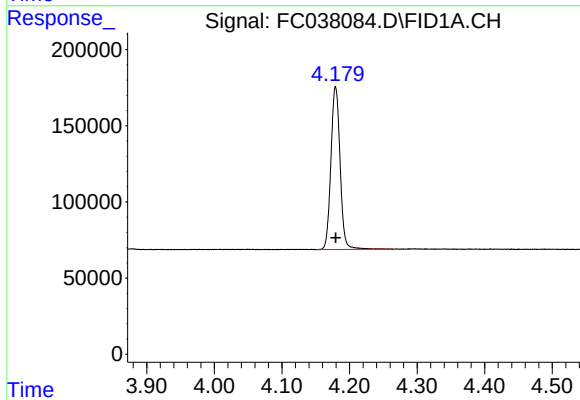




#1 n-Nonane (C9)

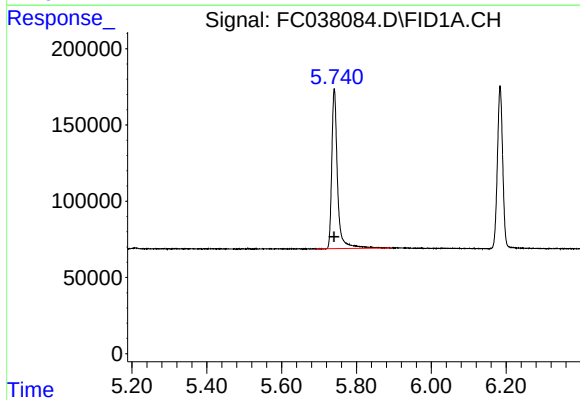
R.T.: 3.122 min
Delta R.T.: 0.000 min
Response: 1002042
Conc: 9.85 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



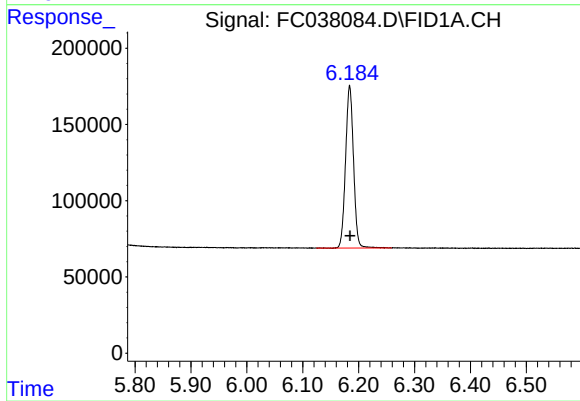
#2 n-Decane (C10)

R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 1010110
Conc: 9.79 ug/ml



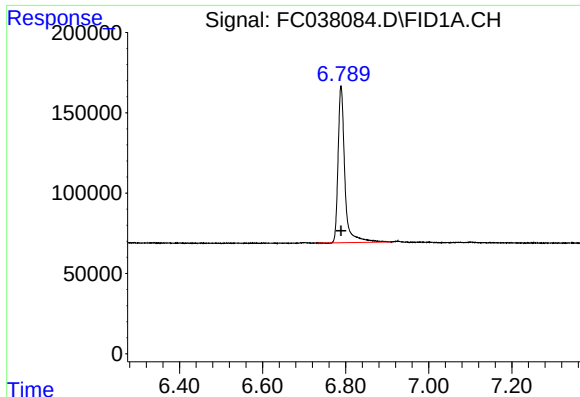
#3 A~Naphthalene (C11.7)

R.T.: 5.741 min
Delta R.T.: 0.000 min
Response: 1122529
Conc: 9.61 ug/ml



#4 n-Dodecane (C12)

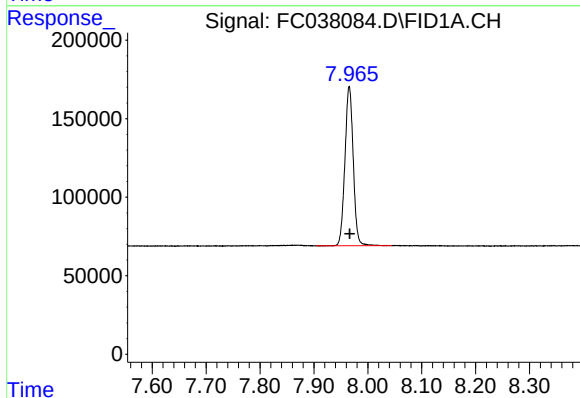
R.T.: 6.184 min
Delta R.T.: 0.000 min
Response: 1050265
Conc: 9.90 ug/ml



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

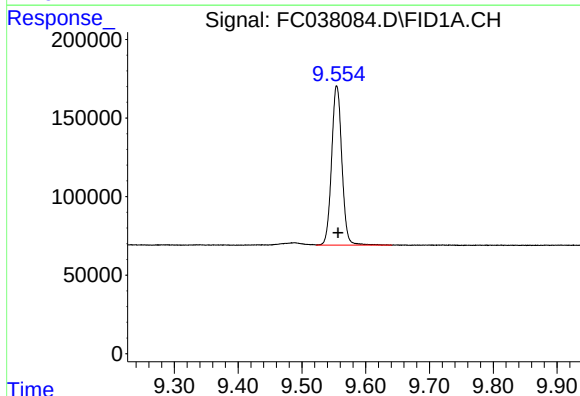
R.T.: 6.789 min
Delta R.T.: 0.000 min
Response: 1103386
Conc: 9.39 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



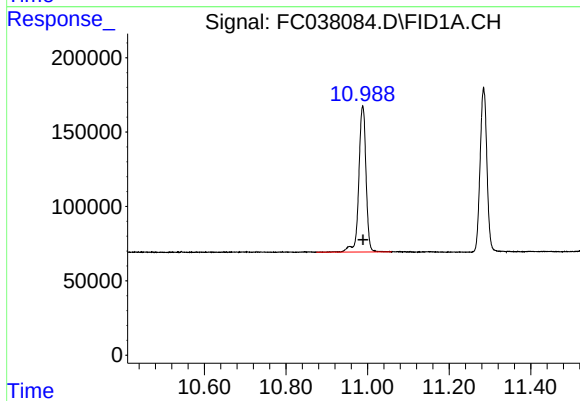
#6 n-Tetradecane (C14)

R.T.: 7.966 min
Delta R.T.: 0.000 min
Response: 1087651
Conc: 9.94 ug/ml



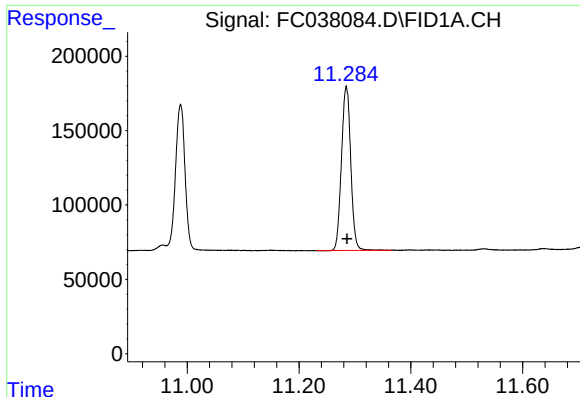
#7 n-Hexadecane (C16)

R.T.: 9.555 min
Delta R.T.: -0.002 min
Response: 1135570
Conc: 10.02 ug/ml



#8 n-Octadecane (C18)

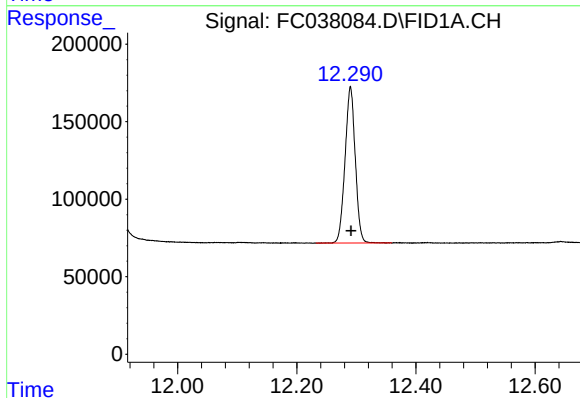
R.T.: 10.988 min
Delta R.T.: 0.000 min
Response: 1202850
Conc: 10.20 ug/ml



#9 ortho-Terphenyl (SURR)

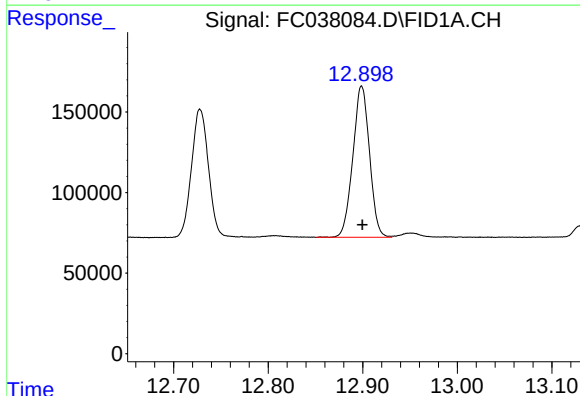
R.T.: 11.285 min
Delta R.T.: -0.001 min
Response: 1273453
Conc: 9.88 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



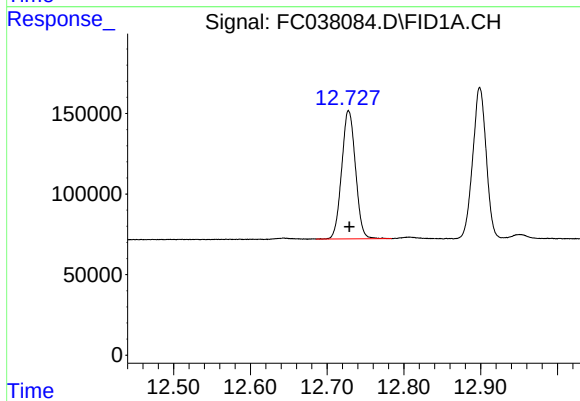
#10 n-Eicosane (C20)

R.T.: 12.290 min
Delta R.T.: -0.001 min
Response: 1198192
Conc: 10.15 ug/ml



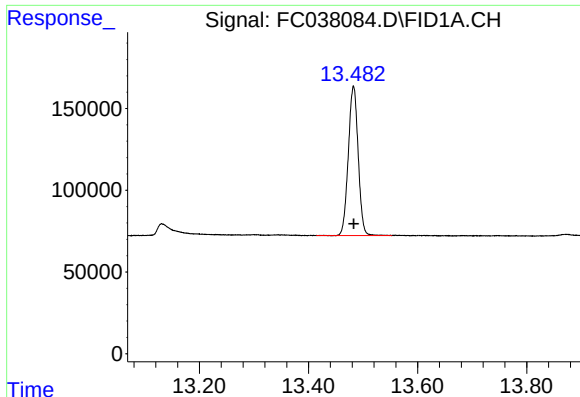
#11 n-Heneicosane (C21)

R.T.: 12.899 min
Delta R.T.: 0.000 min
Response: 1147753
Conc: 9.99 ug/ml



#12 1-chlorooctadecane (SURR)

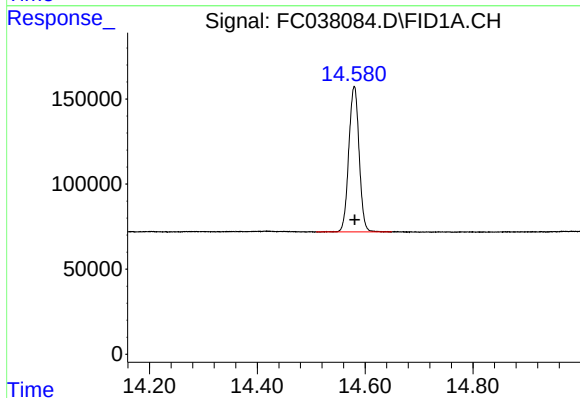
R.T.: 12.728 min
Delta R.T.: 0.000 min
Response: 993996
Conc: 9.99 ug/ml



#13 n-Docosane (C22)

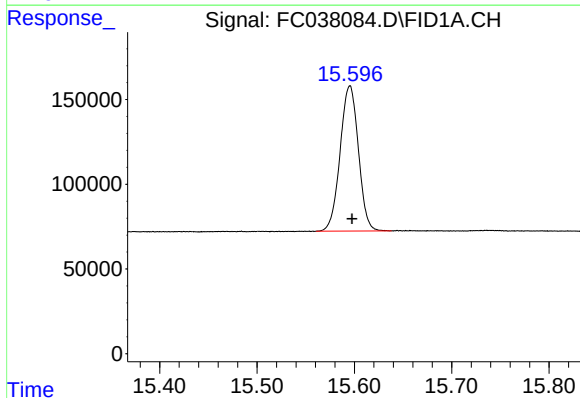
R.T.: 13.482 min
Delta R.T.: 0.000 min
Response: 1143534
Conc: 10.00 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



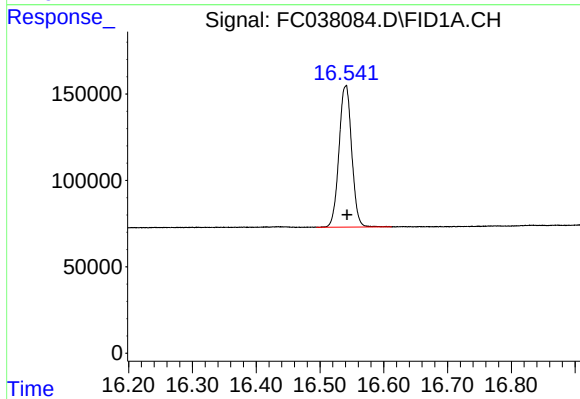
#14 n-Tetracosane (C24)

R.T.: 14.580 min
Delta R.T.: 0.000 min
Response: 1138071
Conc: 10.06 ug/ml



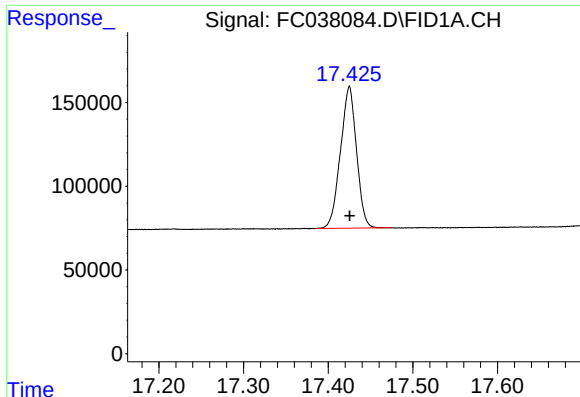
#15 n-Hexacosane (C26)

R.T.: 15.595 min
Delta R.T.: -0.002 min
Response: 1118642
Conc: 10.12 ug/ml



#16 n-Octacosane (C28)

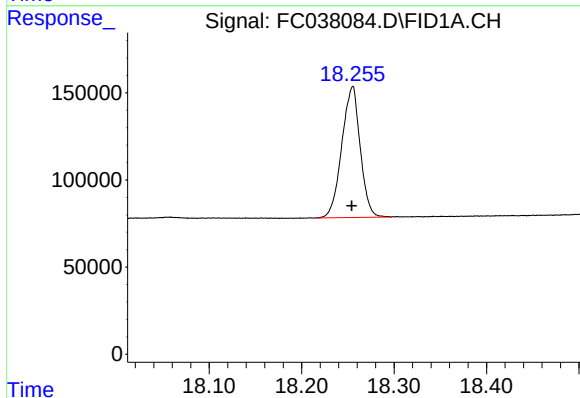
R.T.: 16.540 min
Delta R.T.: -0.002 min
Response: 1130041
Conc: 10.31 ug/ml



#17 n-Tricontane (C30)

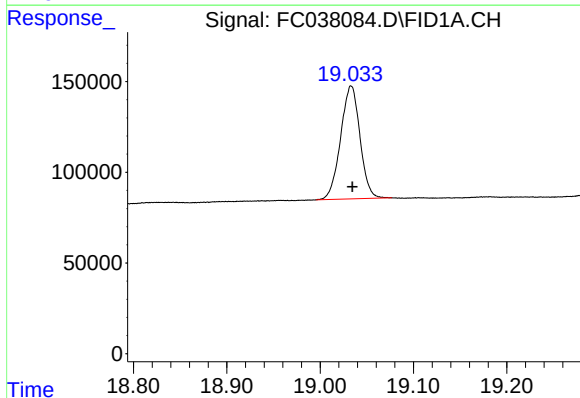
R.T.: 17.425 min
Delta R.T.: 0.000 min
Response: 1116327
Conc: 10.49 ug/ml

Instrument :
FID_C
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10 PPM ALIPHATIC HC STD4



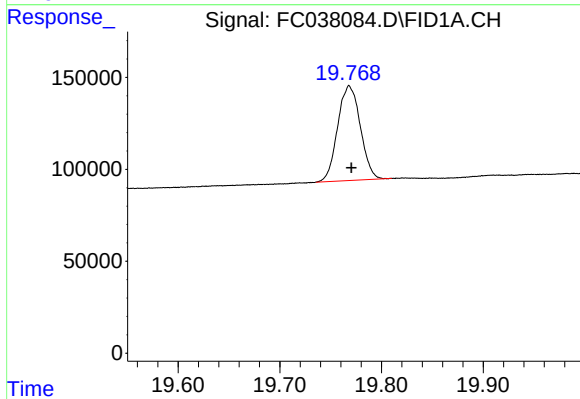
#18 n-Dotriacontane (C32)

R.T.: 18.255 min
Delta R.T.: 0.000 min
Response: 1039431
Conc: 10.64 ug/ml



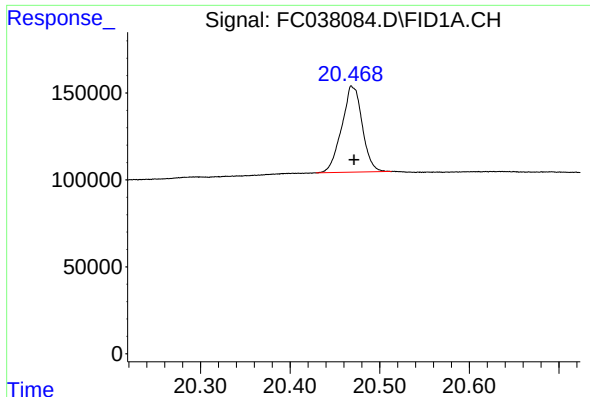
#19 n-Tetratriacontane (C34)

R.T.: 19.033 min
Delta R.T.: -0.001 min
Response: 899107
Conc: 10.61 ug/ml



#20 n-Hexatriacontane (C36)

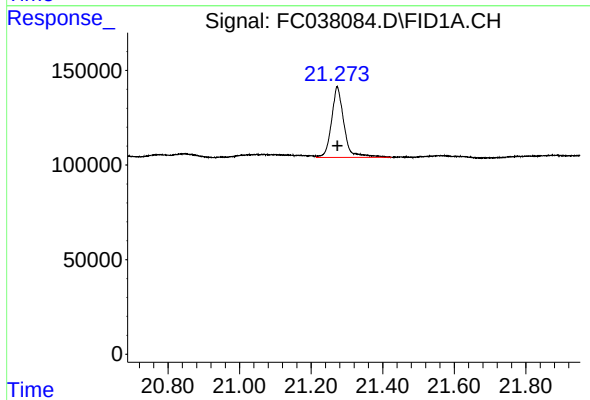
R.T.: 19.768 min
Delta R.T.: -0.002 min
Response: 799548
Conc: 10.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.470 min
Delta R.T.: -0.001 min
Response: 788358
Conc: 10.61 ug/ml

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FID_C
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10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.273 min
Delta R.T.: 0.000 min
Response: 904801
Conc: 11.02 ug/ml