

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012420AL\
 Data File : FC045472.D
 Signal(s) : FID1A.CH
 Acq On : 25 Jan 2020 4:31
 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: sample.E
 Quant Time: Jan 25 05:30:07 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)	11.759	2110880	19.202 ug/ml
Spiked Amount 50.000		Recovery =	38.40%
12) S 1-chlorooctadecane (S...	13.181	1647173	18.945 ug/ml
Spiked Amount 50.000		Recovery =	37.89%
Target Compounds			
1) T n-Nonane (C9)	3.515	1996987	20.646 ug/ml
2) T n-Decane (C10)	4.588	2015682	20.812 ug/ml
3) T A~Naphthalene (C11.7)	6.189	2203520	20.631 ug/ml
4) T n-Dodecane (C12)	6.604	2027463	20.739 ug/ml
5) T A~2-methylnaphthalene...	7.243	2197968	20.504 ug/ml
6) T n-Tetradecane (C14)	8.394	2015089	20.449 ug/ml
7) T n-Hexadecane (C16)	9.989	2008579	20.063 ug/ml
8) T n-Octadecane (C18)	11.427	1998928	19.626 ug/ml
10) T n-Eicosane (C20)	12.734	1970687	19.216 ug/ml
11) T n-Heneicosane (C21)	13.344	1968061	19.014 ug/ml
13) T n-Docosane (C22)	13.929	1938397	18.787 ug/ml
14) T n-Tetracosane (C24)	15.030	1903635	18.319 ug/ml
15) T n-Hexacosane (C26)	16.047	1847537	17.883 ug/ml
16) T n-Octacosane (C28)	16.994	1793342	17.545 ug/ml
17) T n-Tricontane (C30)	17.881	1719098	17.512 ug/ml
18) T n-Dotriacontane (C32)	18.708	1459390	17.539 ug/ml
19) T n-Tetratriacontane (C34)	19.490	1248459	17.642 ug/ml
20) T n-Hexatriacontane (C36)	20.227	1111209	17.330 ug/ml
21) T n-Octatriacontane (C38)	20.996	1062162	18.160 ug/ml
22) T n-Tetracontane (C40)	21.967	1043510	17.689 ug/ml

(f)=RT Delta > 1/2 Window

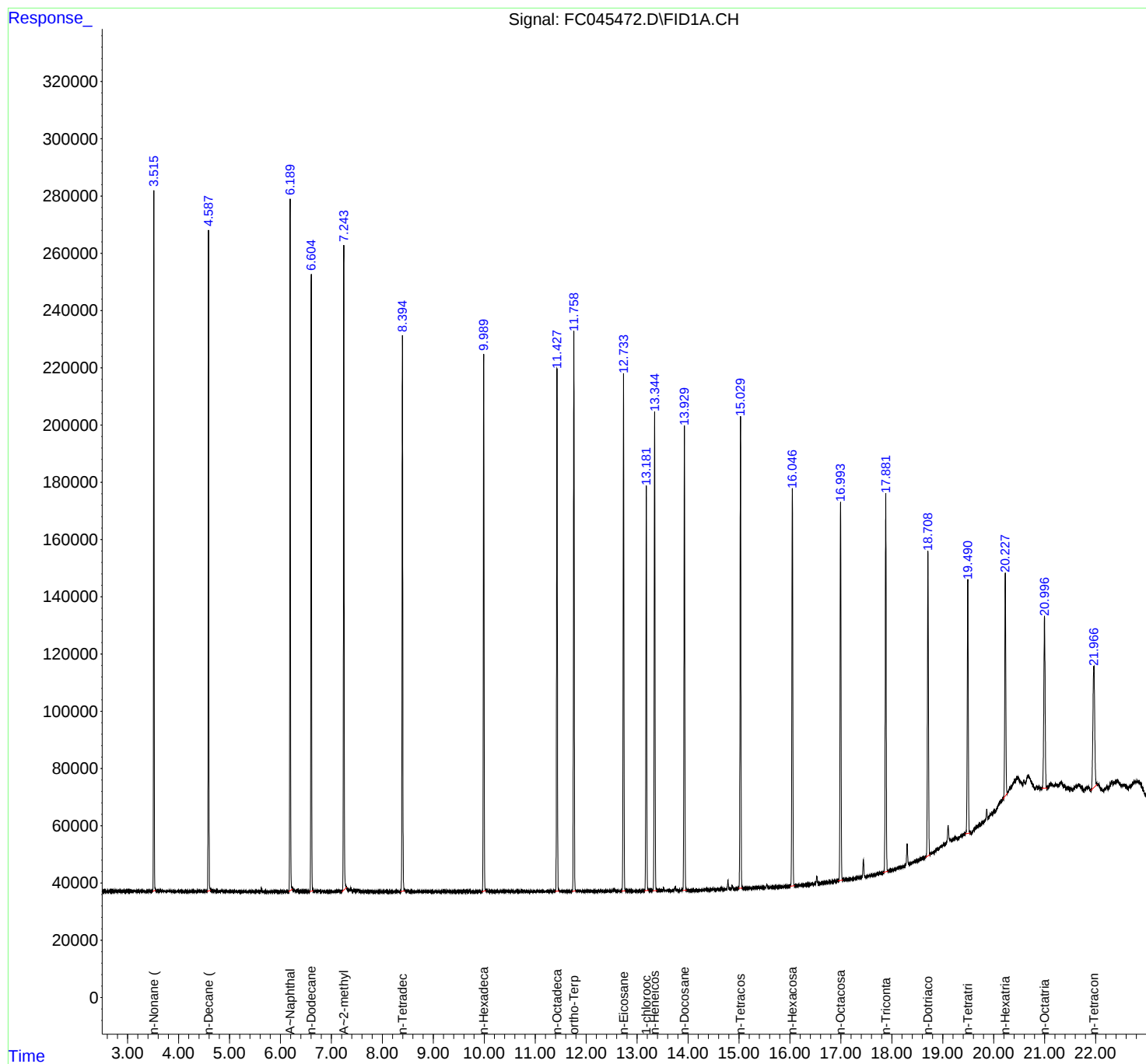
(m)=manual int.

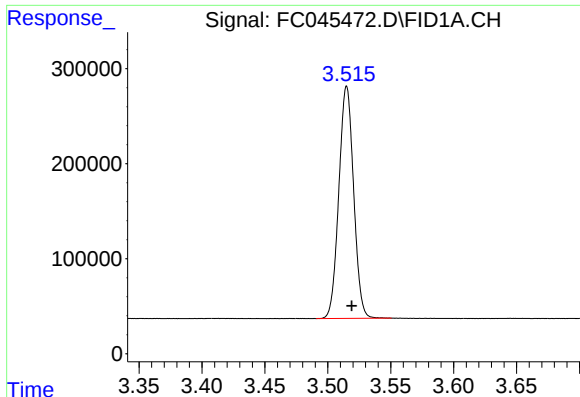
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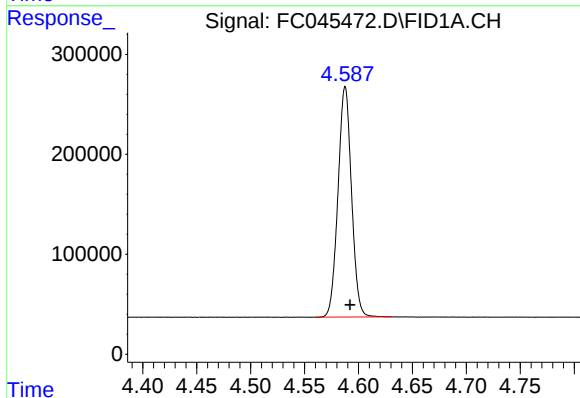




#1 n-Nonane (C9)

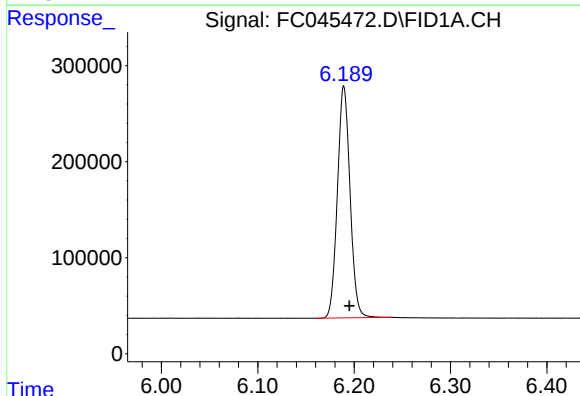
R.T.: 3.515 min
Delta R.T.: -0.004 min
Response: 1996987
Conc: 20.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



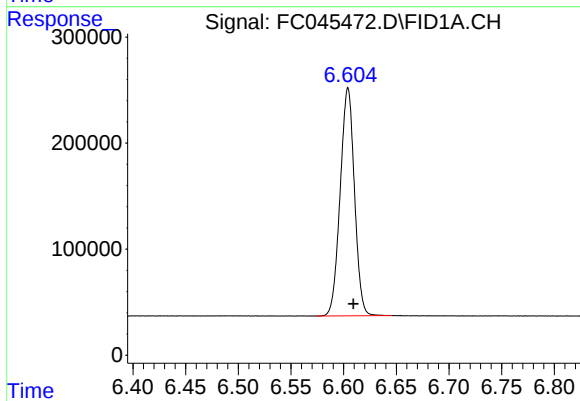
#2 n-Decane (C10)

R.T.: 4.588 min
Delta R.T.: -0.005 min
Response: 2015682
Conc: 20.81 ug/ml



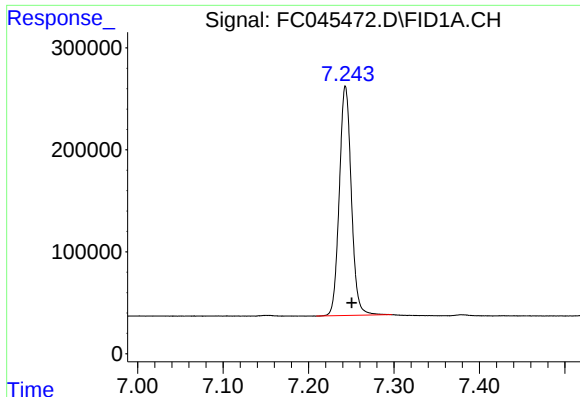
#3 A~Naphthalene (C11.7)

R.T.: 6.189 min
Delta R.T.: -0.006 min
Response: 2203520
Conc: 20.63 ug/ml



#4 n-Dodecane (C12)

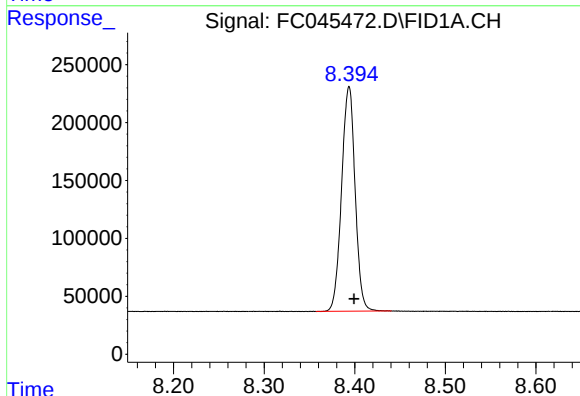
R.T.: 6.604 min
Delta R.T.: -0.005 min
Response: 2027463
Conc: 20.74 ug/ml



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

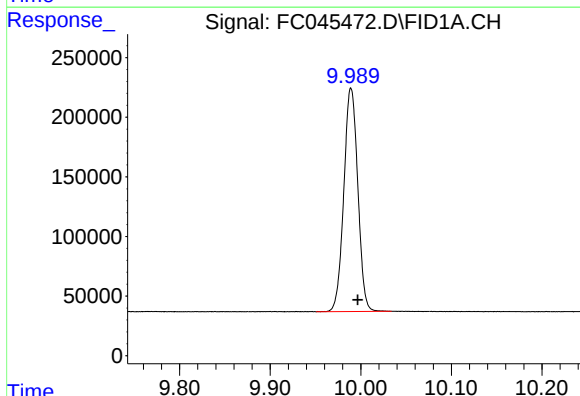
R.T.: 7.243 min
Delta R.T.: -0.007 min
Response: 2197968
Conc: 20.50 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



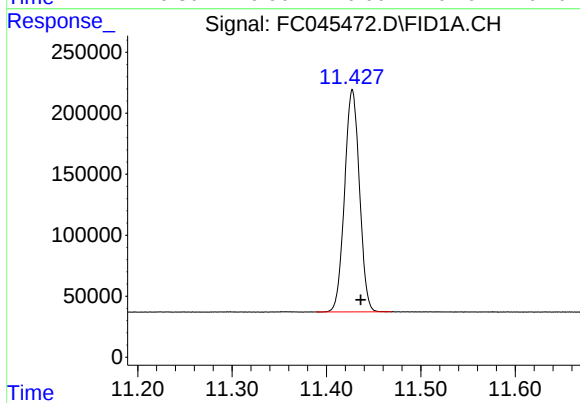
#6 n-Tetradecane (C14)

R.T.: 8.394 min
Delta R.T.: -0.006 min
Response: 2015089
Conc: 20.45 ug/ml



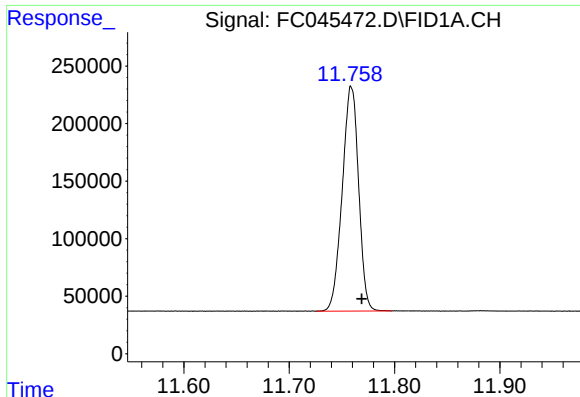
#7 n-Hexadecane (C16)

R.T.: 9.989 min
Delta R.T.: -0.007 min
Response: 2008579
Conc: 20.06 ug/ml



#8 n-Octadecane (C18)

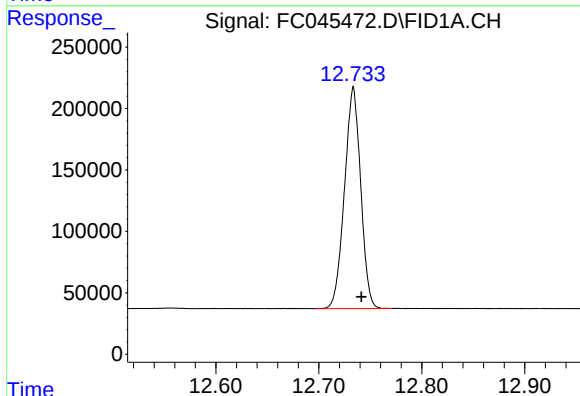
R.T.: 11.427 min
Delta R.T.: -0.009 min
Response: 1998928
Conc: 19.63 ug/ml



#9 ortho-Terphenyl (SURR)

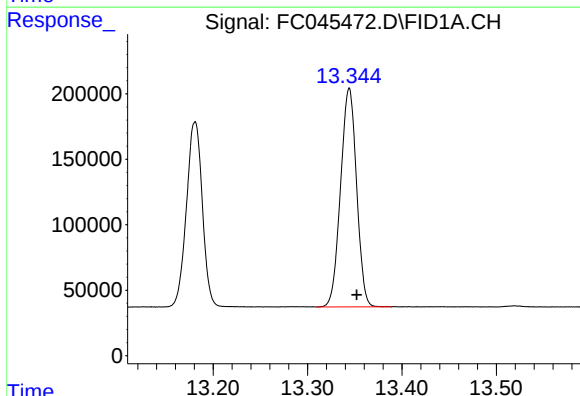
R.T.: 11.759 min
Delta R.T.: -0.010 min
Response: 2110880
Conc: 19.20 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



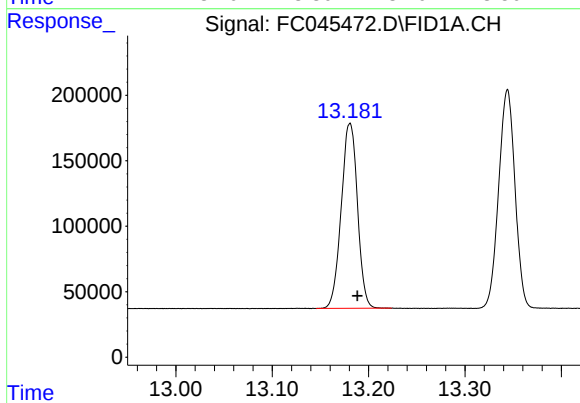
#10 n-Eicosane (C20)

R.T.: 12.734 min
Delta R.T.: -0.008 min
Response: 1970687
Conc: 19.22 ug/ml



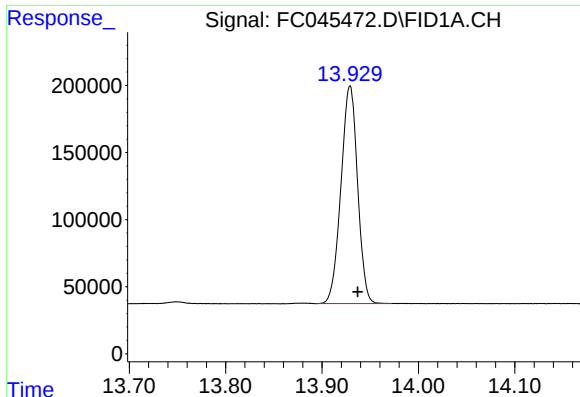
#11 n-Heneicosane (C21)

R.T.: 13.344 min
Delta R.T.: -0.008 min
Response: 1968061
Conc: 19.01 ug/ml



#12 1-chlorooctadecane (SURR)

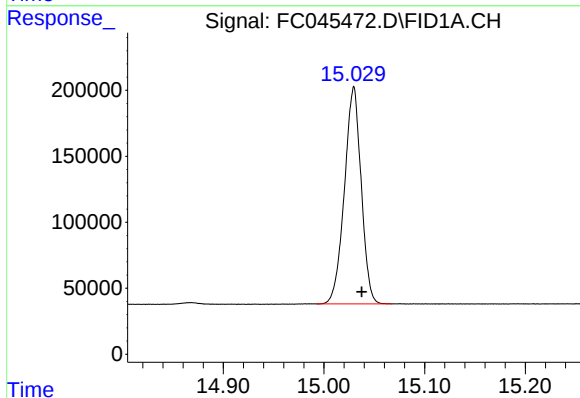
R.T.: 13.181 min
Delta R.T.: -0.008 min
Response: 1647173
Conc: 18.95 ug/ml



#13 n-Docosane (C22)

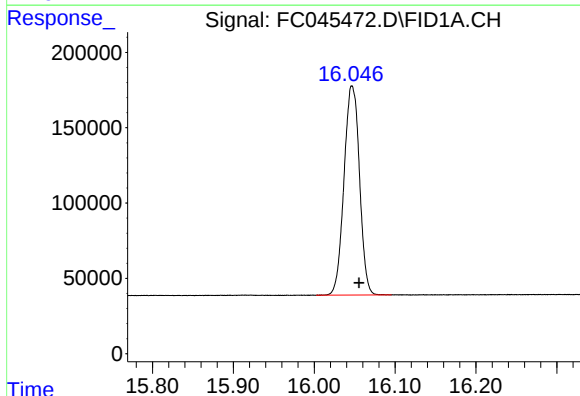
R.T.: 13.929 min
Delta R.T.: -0.008 min
Response: 1938397
Conc: 18.79 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



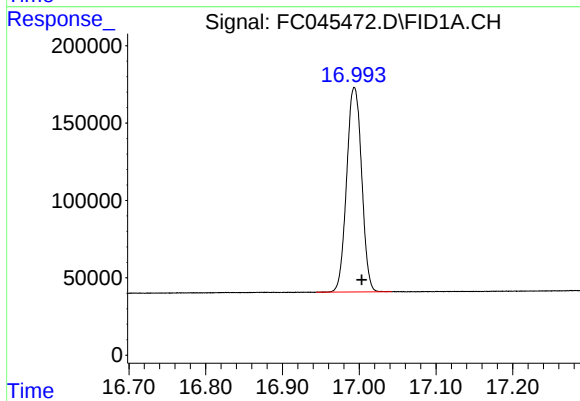
#14 n-Tetracosane (C24)

R.T.: 15.030 min
Delta R.T.: -0.008 min
Response: 1903635
Conc: 18.32 ug/ml



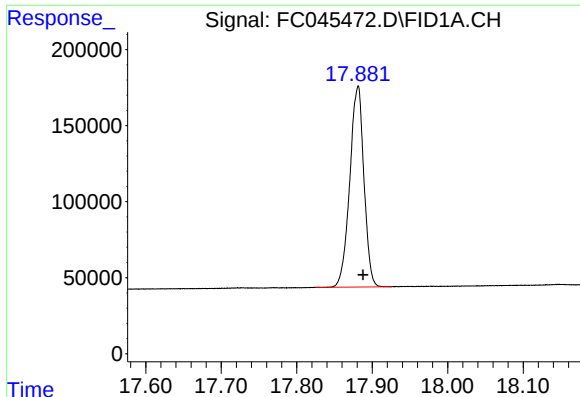
#15 n-Hexacosane (C26)

R.T.: 16.047 min
Delta R.T.: -0.009 min
Response: 1847537
Conc: 17.88 ug/ml



#16 n-Octacosane (C28)

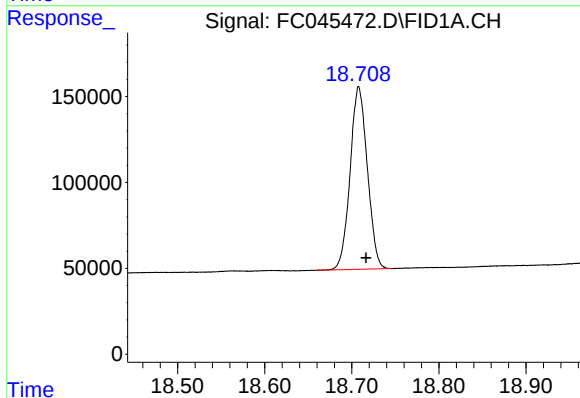
R.T.: 16.994 min
Delta R.T.: -0.010 min
Response: 1793342
Conc: 17.55 ug/ml



#17 n-Tricontane (C30)

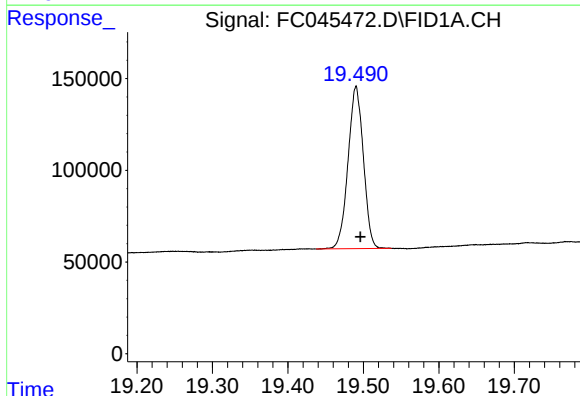
R.T.: 17.881 min
Delta R.T.: -0.007 min
Response: 1719098
Conc: 17.51 ug/ml

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FID_C
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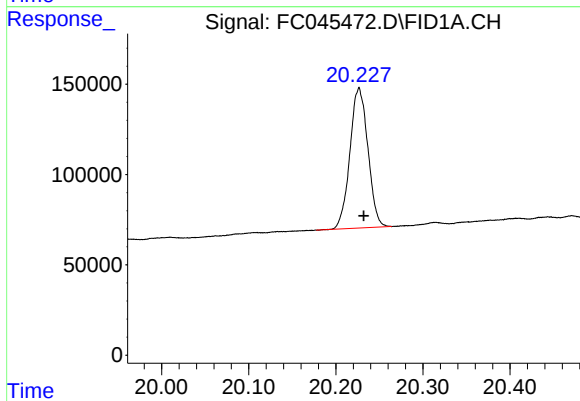
#18 n-Dotriacontane (C32)

R.T.: 18.708 min
Delta R.T.: -0.009 min
Response: 1459390
Conc: 17.54 ug/ml



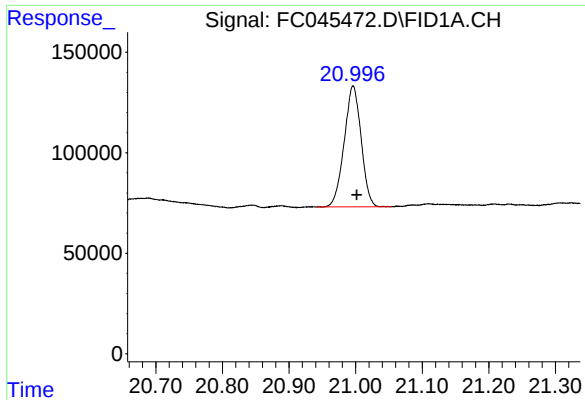
#19 n-Tetratriacontane (C34)

R.T.: 19.490 min
Delta R.T.: -0.006 min
Response: 1248459
Conc: 17.64 ug/ml



#20 n-Hexatriacontane (C36)

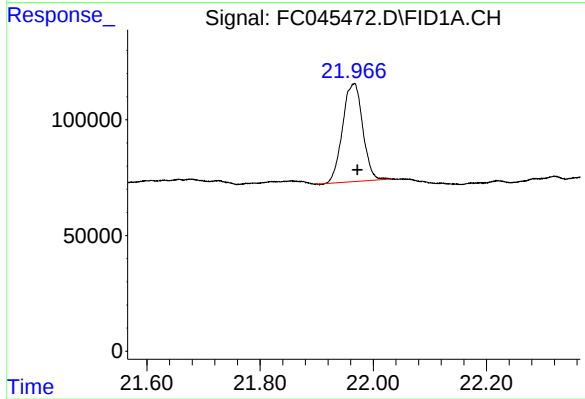
R.T.: 20.227 min
Delta R.T.: -0.005 min
Response: 1111209
Conc: 17.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.996 min
Delta R.T.: -0.005 min
Response: 1062162
Conc: 18.16 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.967 min
Delta R.T.: -0.006 min
Response: 1043510
Conc: 17.69 ug/ml