

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042721AL\
 Data File : FC053451.D
 Signal(s) : FID1A.CH
 Acq On : 28 Apr 2021 3:00
 Operator : DD\AJ
 Sample : M2170-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 DN-1

Integration File: sample.E
 Quant Time: Apr 28 07:04:33 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042021.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 21 11:02:12 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)	11.550	4957139	35.819 ug/ml
Spiked Amount 50.000		Recovery =	71.64%
12) S 1-chlorooctadecane (S...	12.991	4230689	39.089 ug/ml
Spiked Amount 50.000		Recovery =	78.18%
Target Compounds			
1) T n-Nonane (C9)	3.299	6257	0.054 ug/ml
2) T n-Decane (C10)	4.366	25192	0.215 ug/ml
3) T A~Naphthalene (C11.7)	5.956	84068	0.646 ug/ml
4) T n-Dodecane (C12)	6.390	21331	0.179 ug/ml
5) T A~2-methylnaphthalene...	7.014	42491	0.321 ug/ml
6) T n-Tetradecane (C14)	8.185	48003	0.394 ug/ml
7) T n-Hexadecane (C16)	9.798	117653	0.978 ug/ml
8) T n-Octadecane (C18)	11.231	36670	0.289 ug/ml
10) T n-Eicosane (C20)	12.547	182461	1.423 ug/ml
11) T n-Heneicosane (C21)	13.172	175001	1.363 ug/ml
13) T n-Docosane (C22)	13.746	147687	1.146 ug/ml
14) T n-Tetracosane (C24)	14.827	1110783	8.600 ug/ml
15) T n-Hexacosane (C26)	15.871	424025	3.299 ug/ml
16) T n-Octacosane (C28)	16.829	776998	6.000 ug/ml
17) T n-Tricontane (C30)	17.713	1009877	7.499 ug/ml
18) T n-Dotriacontane (C32)	18.542	618580	4.510 ug/ml
19) T n-Tetratriacontane (C34)	19.328	1149118	8.806 ug/ml
20) T n-Hexatriacontane (C36)	20.070	1915120	15.817 ug/ml
21) T n-Octatriacontane (C38)	20.802	1674819	15.895 ug/ml
22) T n-Tetracontane (C40)	21.698	1988324	18.990 ug/ml

(f)=RT Delta > 1/2 Window

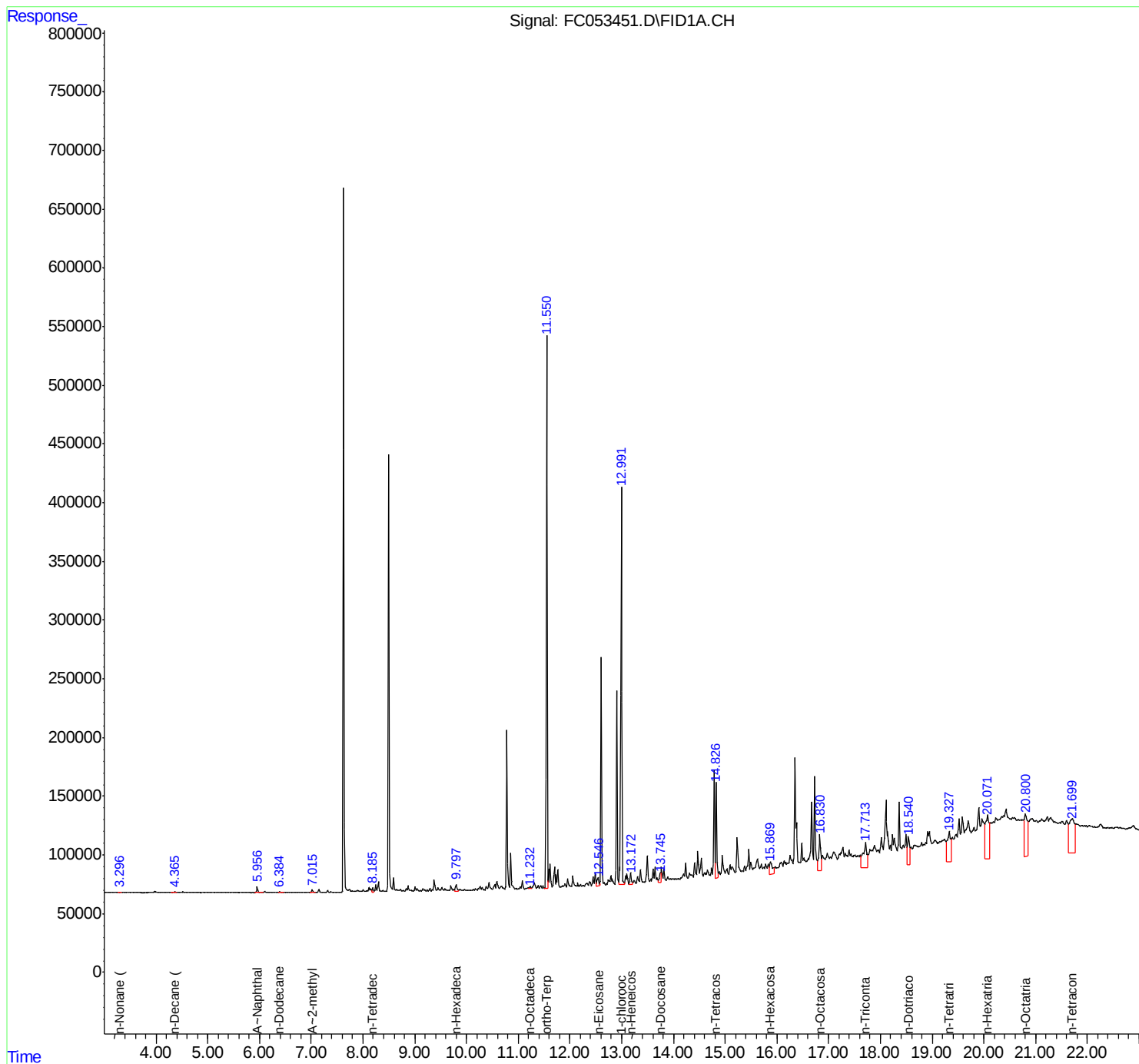
(m)=manual int.

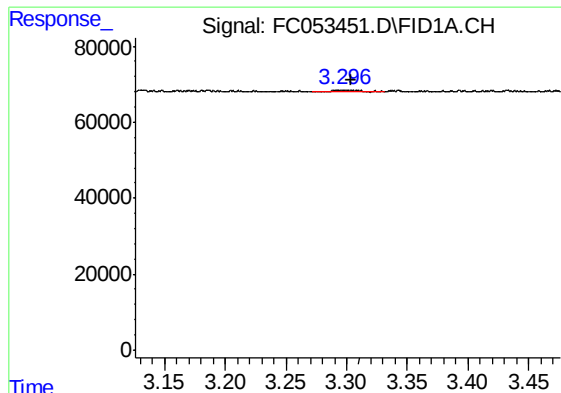
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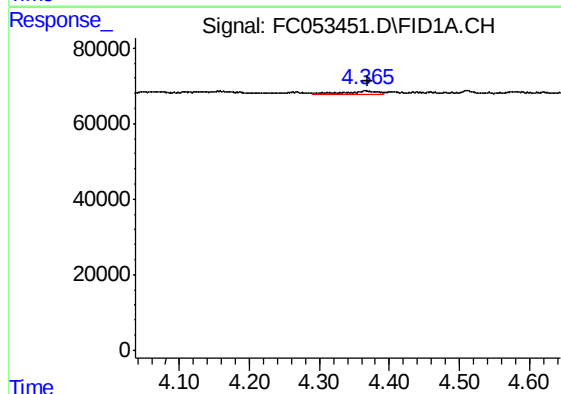




#1 n-Nonane (C9)

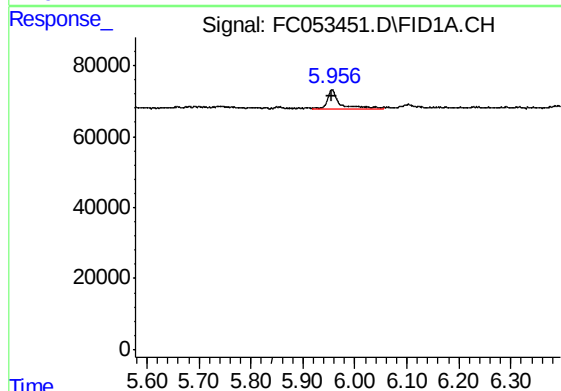
R.T.: 3.299 min
Delta R.T.: -0.005 min
Response: 6257
Conc: 0.05 ug/ml

Instrument :
FID_C
ClientSampleId :
DN-1



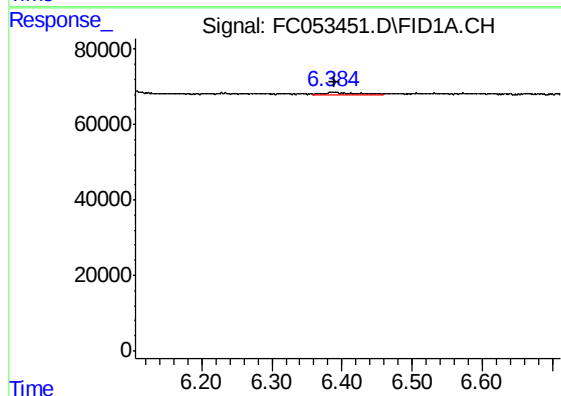
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: -0.004 min
Response: 25192
Conc: 0.22 ug/ml



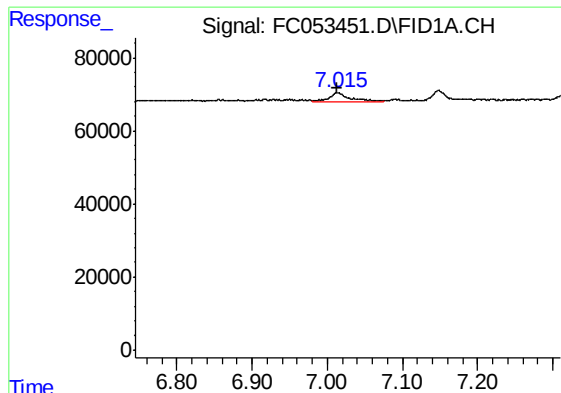
#3 A-Naphthalene (C11.7)

R.T.: 5.956 min
Delta R.T.: 0.001 min
Response: 84068
Conc: 0.65 ug/ml



#4 n-Dodecane (C12)

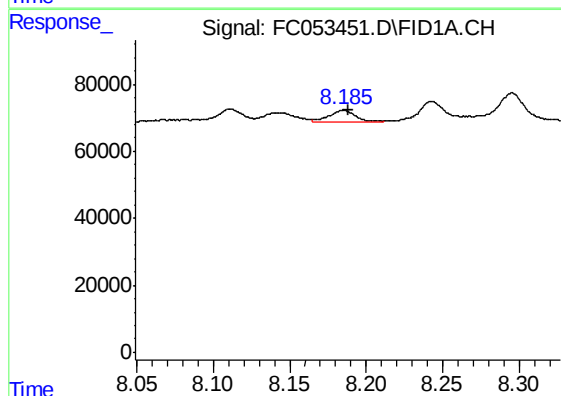
R.T.: 6.390 min
Delta R.T.: 0.000 min
Response: 21331
Conc: 0.18 ug/ml



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

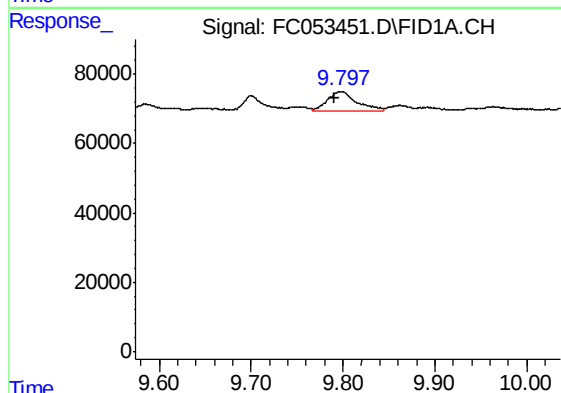
R.T.: 7.014 min
Delta R.T.: 0.002 min
Response: 42491
Conc: 0.32 ug/ml

Instrument :
FID_C
ClientSampleId :
DN-1



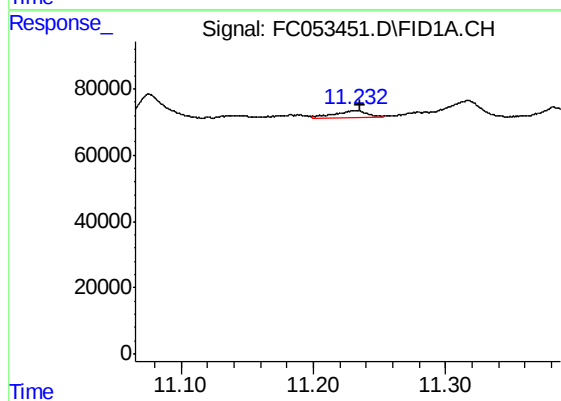
#6 n-Tetradecane (C14)

R.T.: 8.185 min
Delta R.T.: -0.003 min
Response: 48003
Conc: 0.39 ug/ml



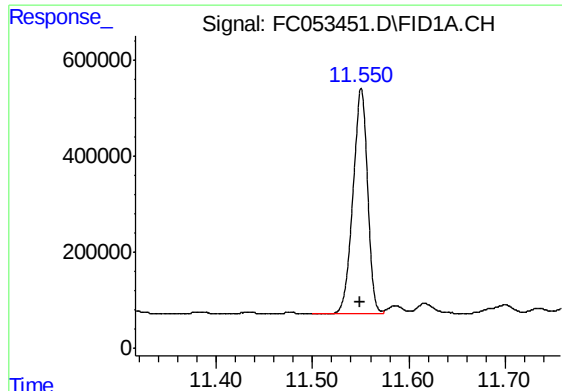
#7 n-Hexadecane (C16)

R.T.: 9.798 min
Delta R.T.: 0.007 min
Response: 117653
Conc: 0.98 ug/ml



#8 n-Octadecane (C18)

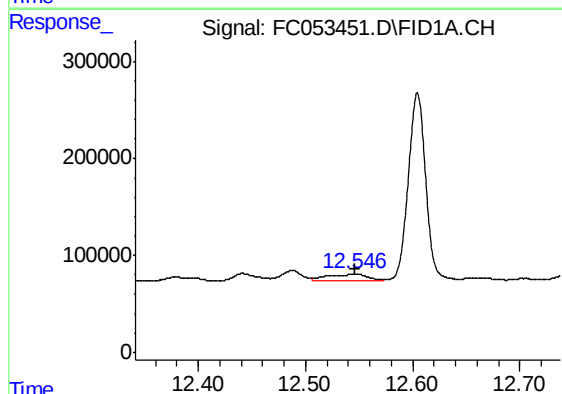
R.T.: 11.231 min
Delta R.T.: -0.003 min
Response: 36670
Conc: 0.29 ug/ml



#9 ortho-Terphenyl (SURR)

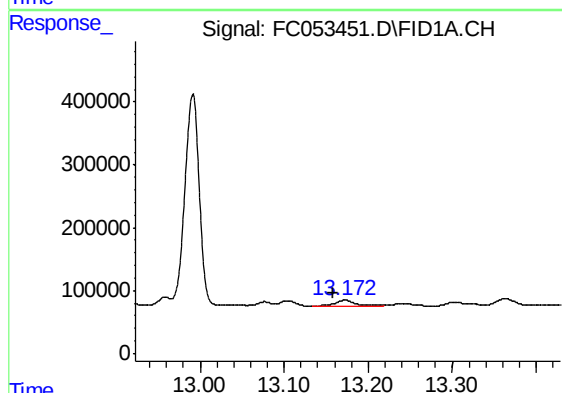
R.T.: 11.550 min
Delta R.T.: 0.000 min
Response: 4957139
Conc: 35.82 ug/ml

Instrument :
FID_C
ClientSampleId :
DN-1



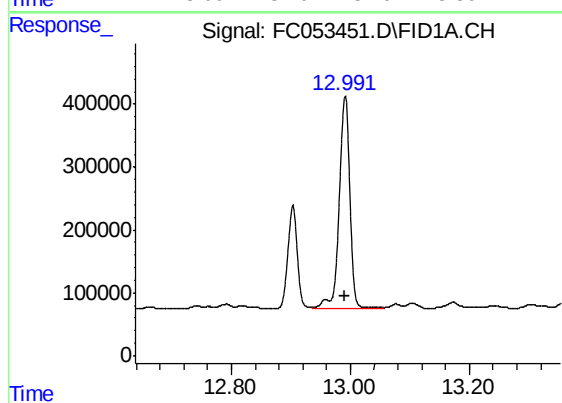
#10 n-Eicosane (C20)

R.T.: 12.547 min
Delta R.T.: 0.000 min
Response: 182461
Conc: 1.42 ug/ml



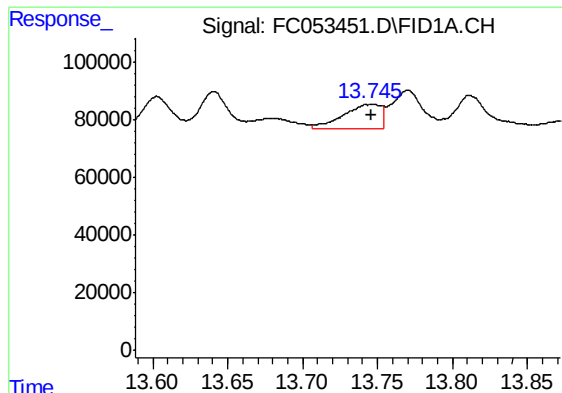
#11 n-Heneicosane (C21)

R.T.: 13.172 min
Delta R.T.: 0.014 min
Response: 175001
Conc: 1.36 ug/ml



#12 1-chlorooctadecane (SURR)

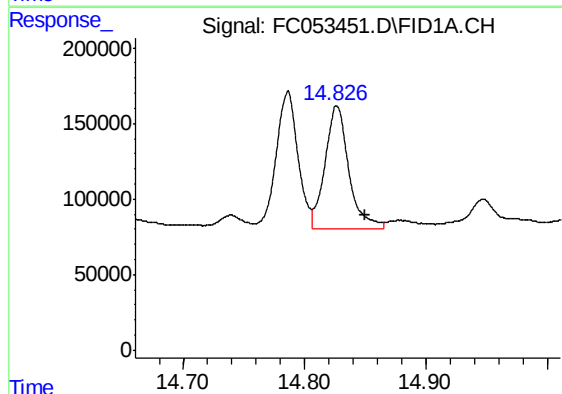
R.T.: 12.991 min
Delta R.T.: 0.002 min
Response: 4230689
Conc: 39.09 ug/ml



#13 n-Docosane (C22)

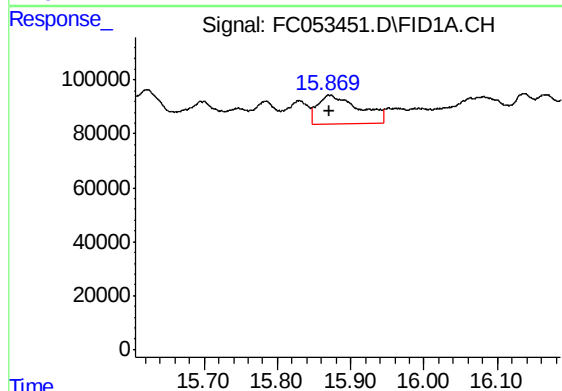
R.T.: 13.746 min
Delta R.T.: 0.000 min
Response: 147687
Conc: 1.15 ug/ml

Instrument :
FID_C
ClientSampleId :
DN-1



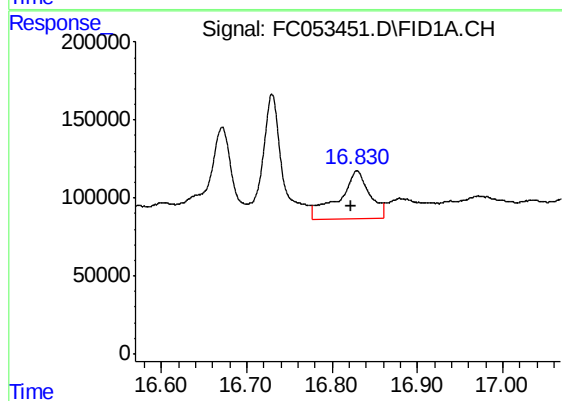
#14 n-Tetracosane (C24)

R.T.: 14.827 min
Delta R.T.: -0.023 min
Response: 1110783
Conc: 8.60 ug/ml



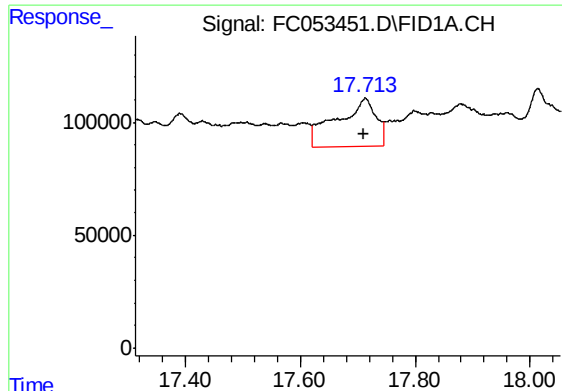
#15 n-Hexacosane (C26)

R.T.: 15.871 min
Delta R.T.: 0.000 min
Response: 424025
Conc: 3.30 ug/ml



#16 n-Octacosane (C28)

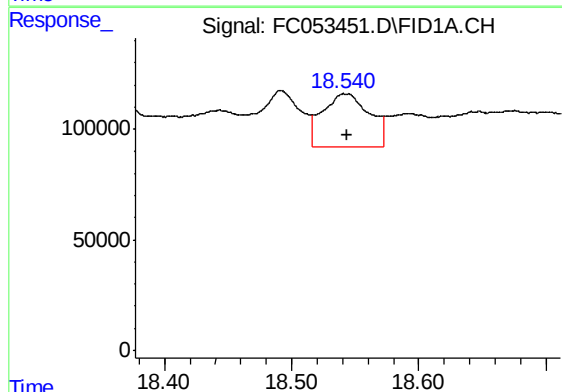
R.T.: 16.829 min
Delta R.T.: 0.007 min
Response: 776998
Conc: 6.00 ug/ml



#17 n-Tricontane (C30)

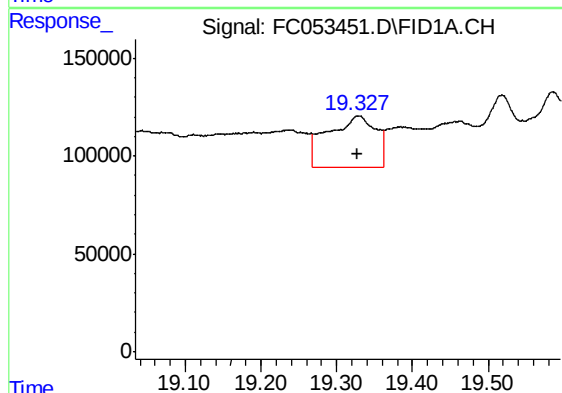
R.T.: 17.713 min
Delta R.T.: 0.002 min
Response: 1009877
Conc: 7.50 ug/ml

Instrument :
FID_C
ClientSampleId :
DN-1



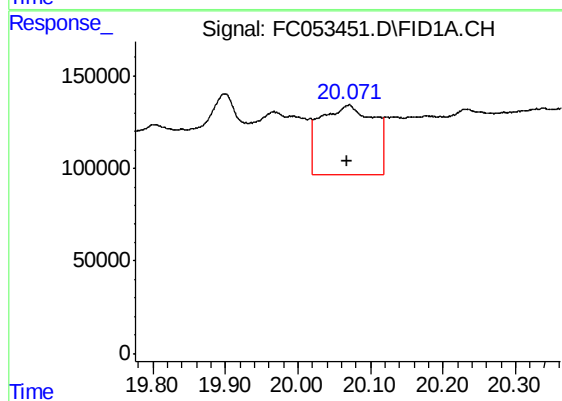
#18 n-Dotriacontane (C32)

R.T.: 18.542 min
Delta R.T.: -0.002 min
Response: 618580
Conc: 4.51 ug/ml



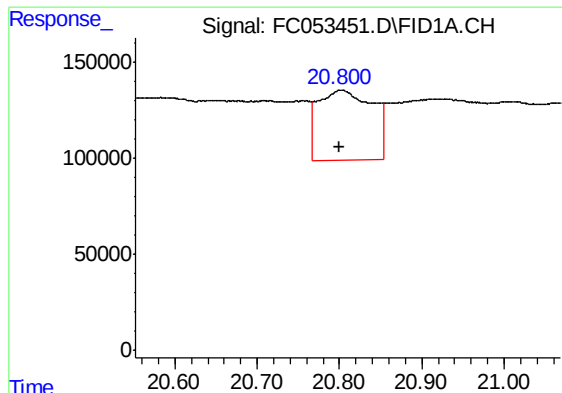
#19 n-Tetatriacontane (C34)

R.T.: 19.328 min
Delta R.T.: 0.001 min
Response: 1149118
Conc: 8.81 ug/ml



#20 n-Hexatriacontane (C36)

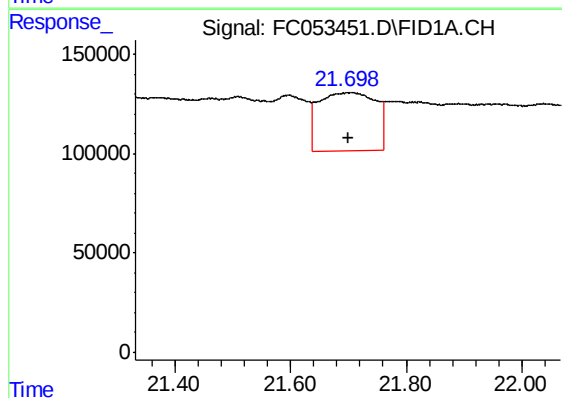
R.T.: 20.070 min
Delta R.T.: 0.002 min
Response: 1915120
Conc: 15.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.802 min
Delta R.T.: 0.002 min
Response: 1674819
Conc: 15.89 ug/ml

Instrument :
FID_C
ClientSampleId :
DN-1



#22 n-Tetracontane (C40)

R.T.: 21.698 min
Delta R.T.: -0.003 min
Response: 1988324
Conc: 18.99 ug/ml