

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102120AL\
 Data File : FC050255.D
 Signal(s) : FID1A.CH
 Acq On : 21 Oct 2020 15:17
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 21 16:36:23 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 100620.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 07 04:53:04 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)	11.629	2208580	19.703 ug/ml
Spiked Amount 50.000		Recovery =	39.41%
12) S 1-chlorooctadecane (S...	13.062	1697155	19.592 ug/ml
Spiked Amount 50.000		Recovery =	39.18%
Target Compounds			
1) T n-Nonane (C9)	3.374	2095488	21.146 ug/ml
2) T n-Decane (C10)	4.446	2107844	21.171 ug/ml
3) T A~Naphthalene (C11.7)	6.040	2306975	20.931 ug/ml
4) T n-Dodecane (C12)	6.467	2135298	21.162 ug/ml
5) T A~2-methylnaphthalene...	7.098	2310463	20.758 ug/ml
6) T n-Tetradecane (C14)	8.264	2113556	21.097 ug/ml
7) T n-Hexadecane (C16)	9.865	2055567	20.857 ug/ml
8) T n-Octadecane (C18)	11.308	2124172	20.568 ug/ml
10) T n-Eicosane (C20)	12.617	2088879	20.075 ug/ml
11) T n-Heneicosane (C21)	13.229	2056920	19.794 ug/ml
13) T n-Docosane (C22)	13.815	2030041	19.556 ug/ml
14) T n-Tetracosane (C24)	14.918	1976838	19.032 ug/ml
15) T n-Hexacosane (C26)	15.938	1909288	18.528 ug/ml
16) T n-Octacosane (C28)	16.886	1891728	18.279 ug/ml
17) T n-Tricontane (C30)	17.772	1839833	18.029 ug/ml
18) T n-Dotriacontane (C32)	18.603	1731217	18.021 ug/ml
19) T n-Tetratriacontane (C34)	19.386	1651540	18.006 ug/ml
20) T n-Hexatriacontane (C36)	20.124	1596712	18.027 ug/ml
21) T n-Octatriacontane (C38)	20.869	1557199	18.885 ug/ml
22) T n-Tetracontane (C40)	21.801	1593506	19.056 ug/ml

(f)=RT Delta > 1/2 Window

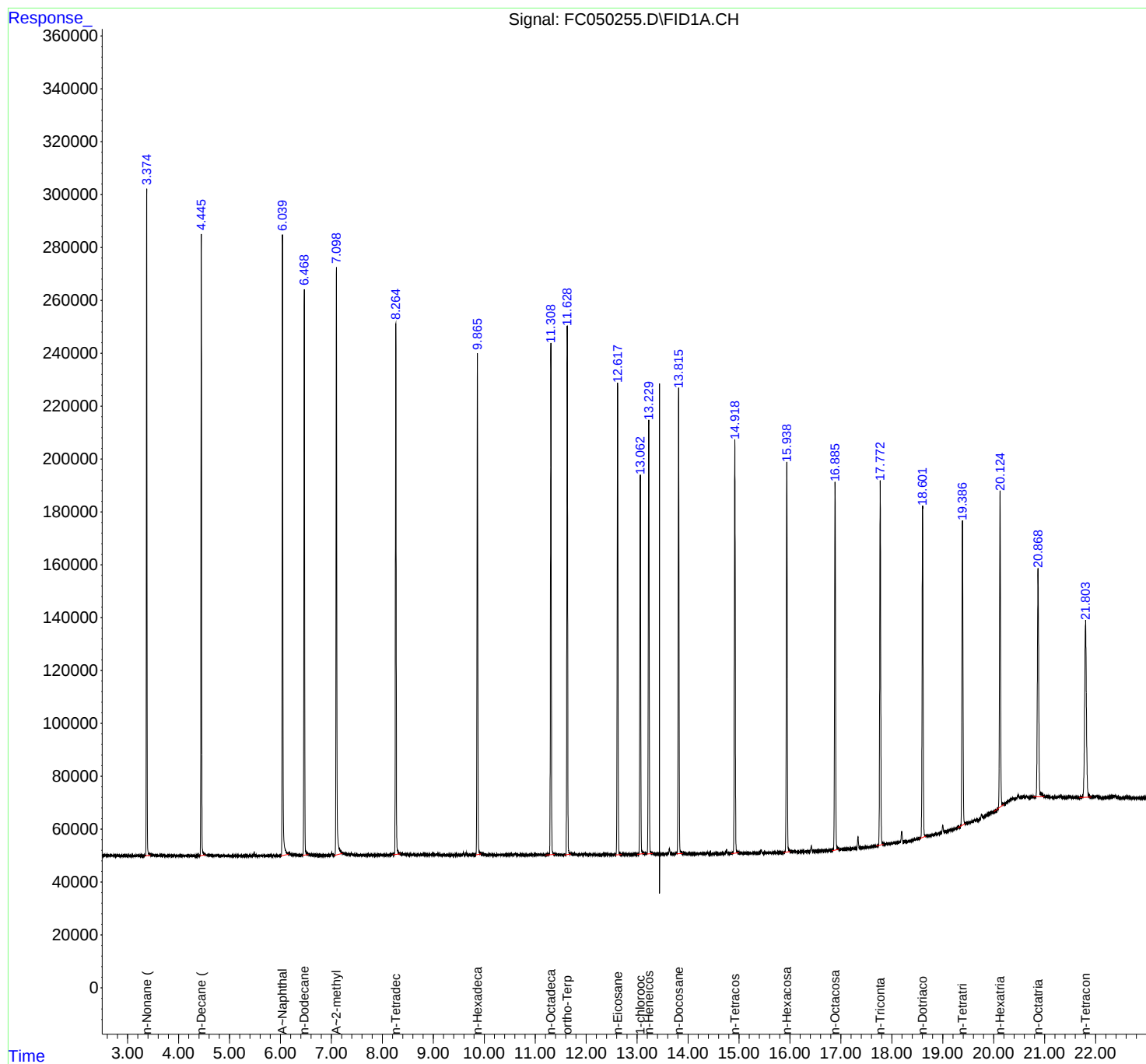
(m)=manual int.

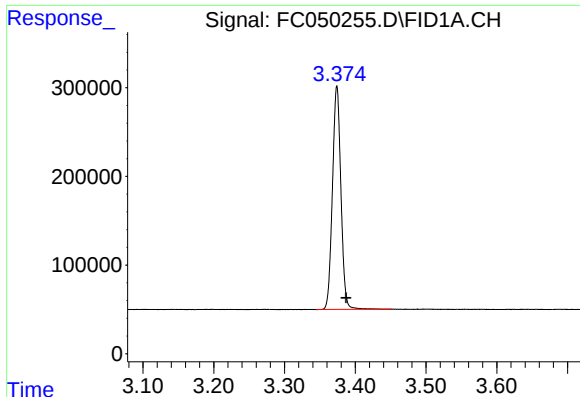
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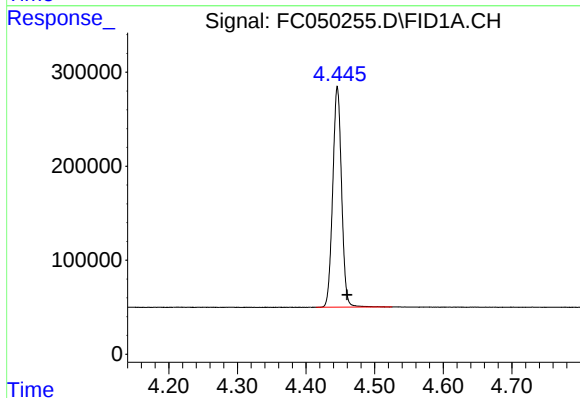




#1 n-Nonane (C9)

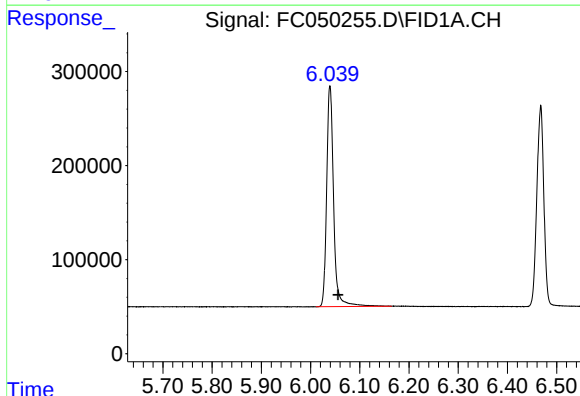
R.T.: 3.374 min
Delta R.T.: -0.013 min
Response: 2095488
Conc: 21.15 ug/ml

Instrument :
FID_C
ClientSampleId :



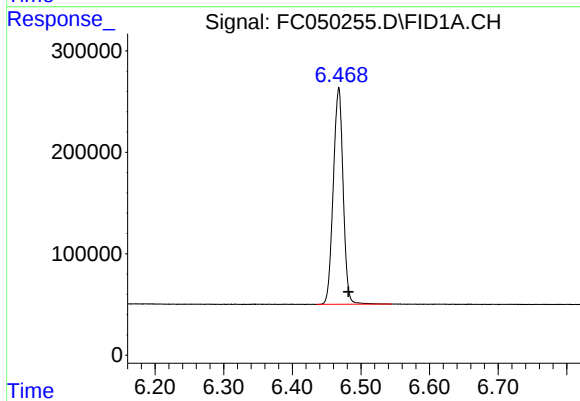
#2 n-Decane (C10)

R.T.: 4.446 min
Delta R.T.: -0.014 min
Response: 2107844
Conc: 21.17 ug/ml



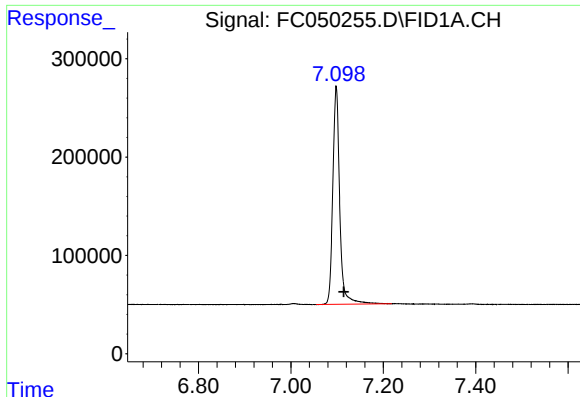
#3 A~Naphthalene (C11.7)

R.T.: 6.040 min
Delta R.T.: -0.017 min
Response: 2306975
Conc: 20.93 ug/ml



#4 n-Dodecane (C12)

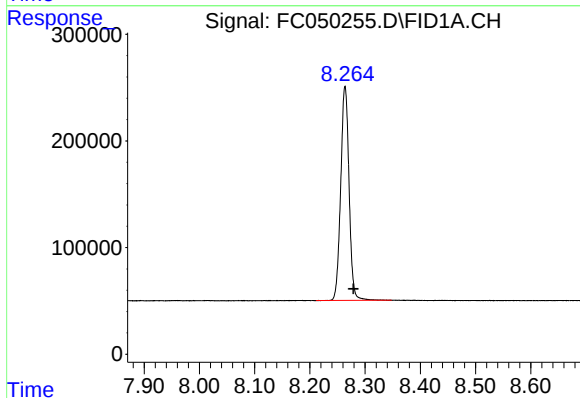
R.T.: 6.467 min
Delta R.T.: -0.014 min
Response: 2135298
Conc: 21.16 ug/ml



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

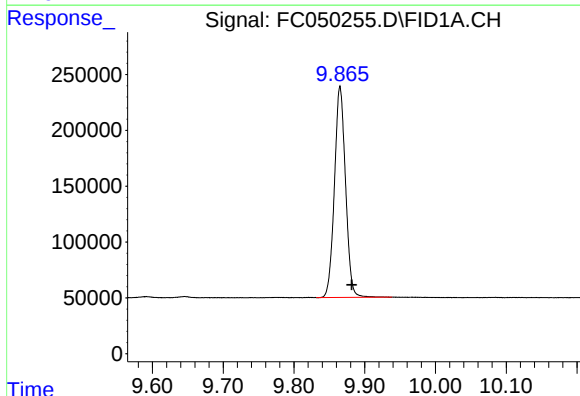
R.T.: 7.098 min
Delta R.T.: -0.016 min
Response: 2310463
Conc: 20.76 ug/ml

Instrument :
FID_C
ClientSampleId :



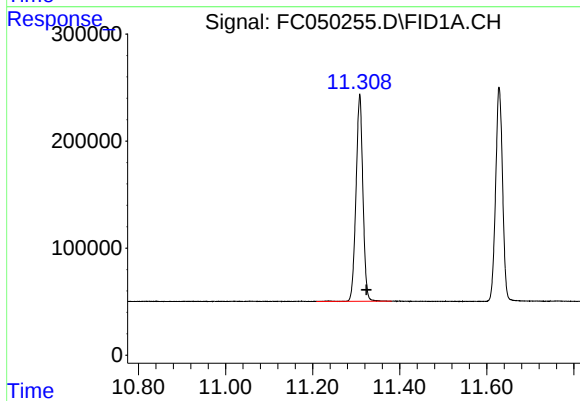
#6 n-Tetradecane (C14)

R.T.: 8.264 min
Delta R.T.: -0.015 min
Response: 2113556
Conc: 21.10 ug/ml



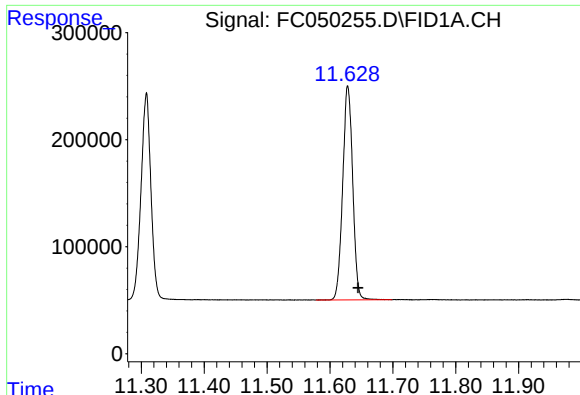
#7 n-Hexadecane (C16)

R.T.: 9.865 min
Delta R.T.: -0.016 min
Response: 2055567
Conc: 20.86 ug/ml



#8 n-Octadecane (C18)

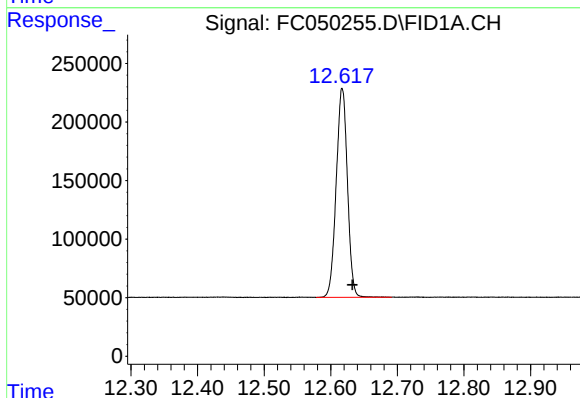
R.T.: 11.308 min
Delta R.T.: -0.015 min
Response: 2124172
Conc: 20.57 ug/ml



#9 ortho-Terphenyl (SURR)

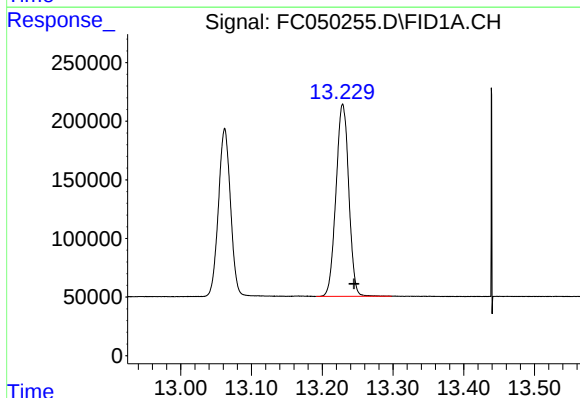
R.T.: 11.629 min
Delta R.T.: -0.016 min
Response: 2208580
Conc: 19.70 ug/ml

Instrument :
FID_C
ClientSampleId :



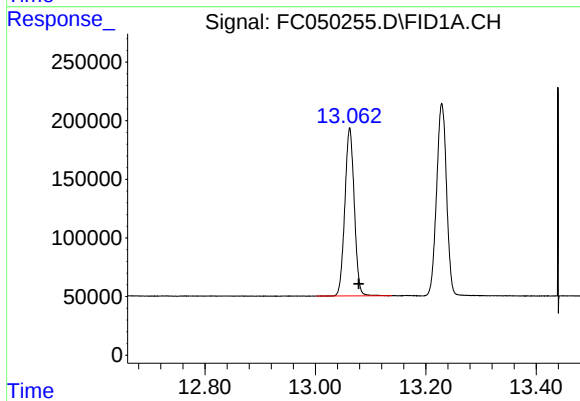
#10 n-Eicosane (C20)

R.T.: 12.617 min
Delta R.T.: -0.015 min
Response: 2088879
Conc: 20.07 ug/ml



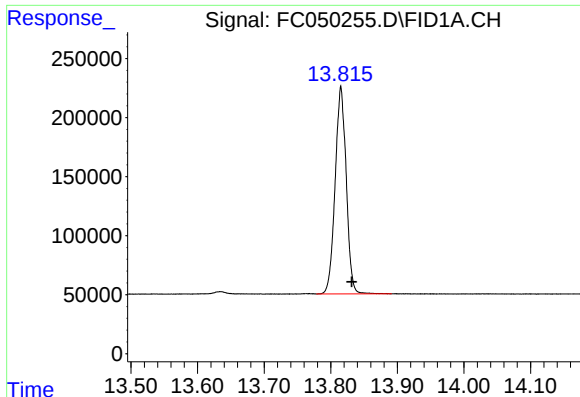
#11 n-Heneicosane (C21)

R.T.: 13.229 min
Delta R.T.: -0.016 min
Response: 2056920
Conc: 19.79 ug/ml



#12 1-chlorooctadecane (SURR)

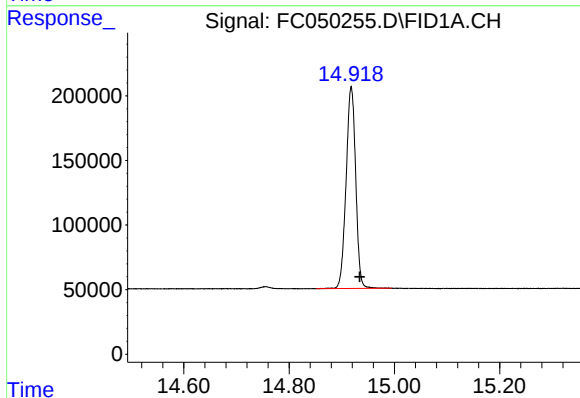
R.T.: 13.062 min
Delta R.T.: -0.016 min
Response: 1697155
Conc: 19.59 ug/ml



#13 n-Docosane (C22)

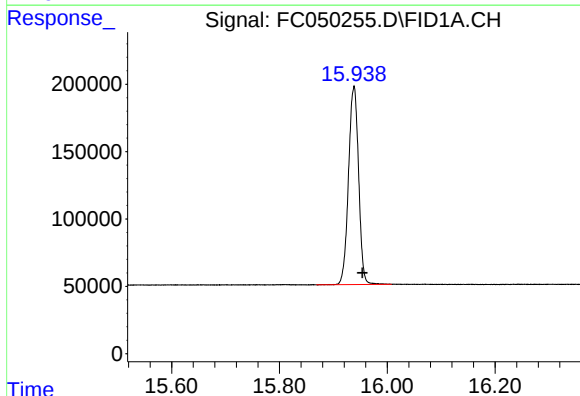
R.T.: 13.815 min
Delta R.T.: -0.016 min
Response: 2030041
Conc: 19.56 ug/ml

Instrument :
FID_C
ClientSampleId :



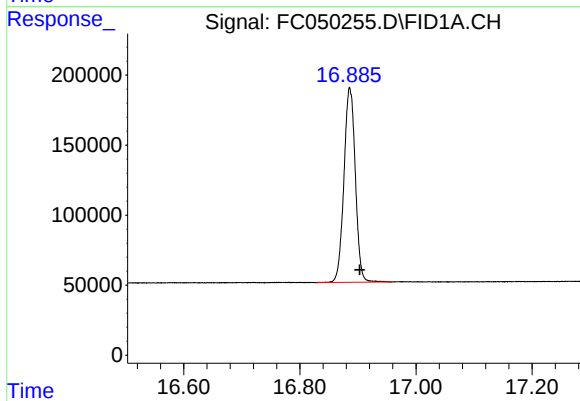
#14 n-Tetracosane (C24)

R.T.: 14.918 min
Delta R.T.: -0.016 min
Response: 1976838
Conc: 19.03 ug/ml



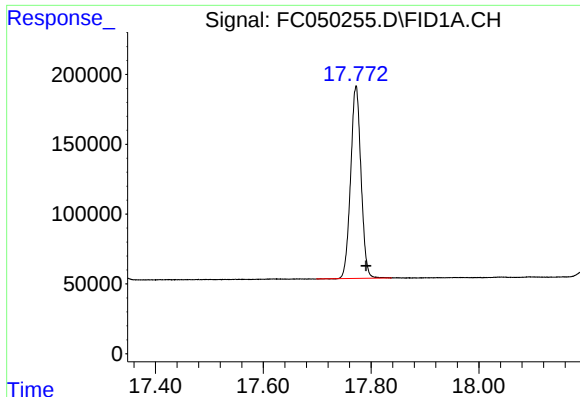
#15 n-Hexacosane (C26)

R.T.: 15.938 min
Delta R.T.: -0.016 min
Response: 1909288
Conc: 18.53 ug/ml



#16 n-Octacosane (C28)

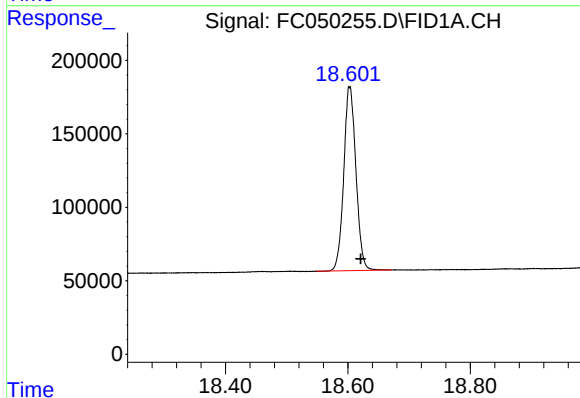
R.T.: 16.886 min
Delta R.T.: -0.017 min
Response: 1891728
Conc: 18.28 ug/ml



#17 n-Tricontane (C30)

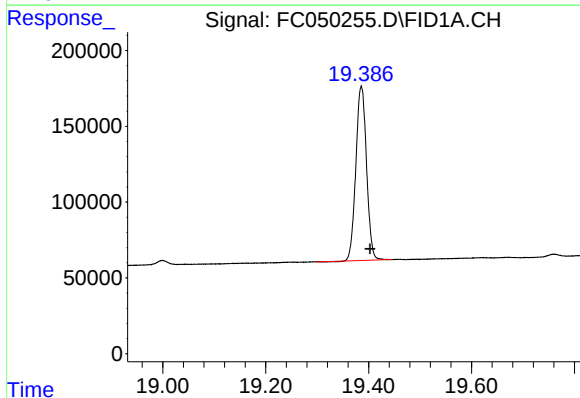
R.T.: 17.772 min
Delta R.T.: -0.019 min
Response: 1839833
Conc: 18.03 ug/ml

Instrument :
FID_C
ClientSampleId :



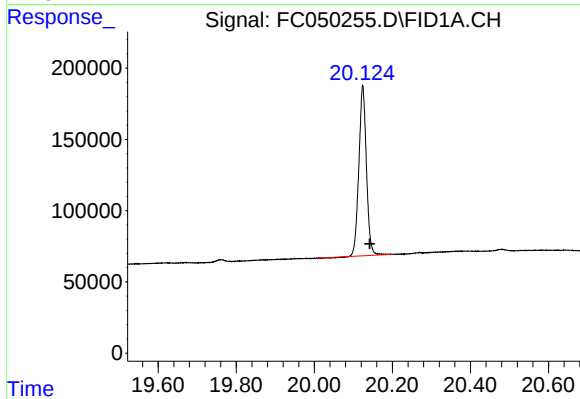
#18 n-Dotriacontane (C32)

R.T.: 18.603 min
Delta R.T.: -0.018 min
Response: 1731217
Conc: 18.02 ug/ml



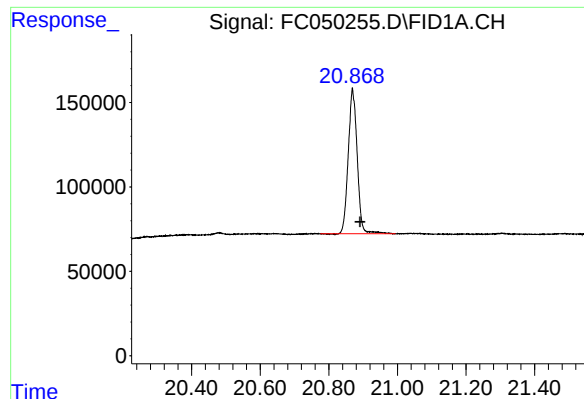
#19 n-Tetratriacontane (C34)

R.T.: 19.386 min
Delta R.T.: -0.017 min
Response: 1651540
Conc: 18.01 ug/ml



#20 n-Hexatriacontane (C36)

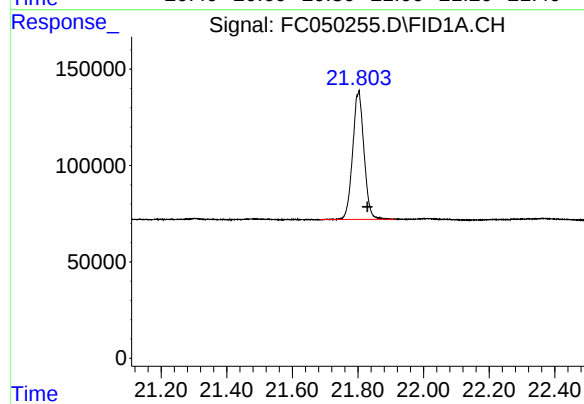
R.T.: 20.124 min
Delta R.T.: -0.018 min
Response: 1596712
Conc: 18.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.869 min
Delta R.T.: -0.022 min
Response: 1557199
Conc: 18.88 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.801 min
Delta R.T.: -0.028 min
Response: 1593506
Conc: 19.06 ug/ml