

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022221AL\
 Data File : FC052094.D
 Signal(s) : FID1A.CH
 Acq On : 22 Feb 2021 10:03
 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: Feb 23 03:31:05 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 021521.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 16 09:35:39 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)	11.697	2541823	20.941 ug/ml
Spiked Amount 50.000		Recovery =	41.88%
12) S 1-chlorooctadecane (S...	13.126	2032128	20.696 ug/ml
Spiked Amount 50.000		Recovery =	41.39%
Target Compounds			
1) T n-Nonane (C9)	3.450	2228564	21.090 ug/ml
2) T n-Decane (C10)	4.519	2260129	21.209 ug/ml
3) T A~Naphthalene (C11.7)	6.113	2558312	21.391 ug/ml
4) T n-Dodecane (C12)	6.538	2317881	21.435 ug/ml
5) T A~2-methylnaphthalene...	7.170	2618642	21.460 ug/ml
6) T n-Tetradecane (C14)	8.333	2342178	21.567 ug/ml
7) T n-Hexadecane (C16)	9.932	2322422	21.520 ug/ml
8) T n-Octadecane (C18)	11.373	2410998	21.326 ug/ml
10) T n-Eicosane (C20)	12.680	2409321	20.978 ug/ml
11) T n-Heneicosane (C21)	13.293	2389996	20.738 ug/ml
13) T n-Docosane (C22)	13.878	2375078	20.491 ug/ml
14) T n-Tetracosane (C24)	14.980	2323971	19.846 ug/ml
15) T n-Hexacosane (C26)	16.001	2235278	19.119 ug/ml
16) T n-Octacosane (C28)	16.950	2148021	18.264 ug/ml
17) T n-Tricontane (C30)	17.838	2055800	17.393 ug/ml
18) T n-Dotriacontane (C32)	18.671	1947725	16.609 ug/ml
19) T n-Tetratriacontane (C34)	19.455	1883162	16.259 ug/ml
20) T n-Hexatriacontane (C36)	20.194	1802293	16.199 ug/ml
21) T n-Octatriacontane (C38)	20.952	1727400	16.867 ug/ml
22) T n-Tetracontane (C40)	21.901	1804500	17.506 ug/ml

(f)=RT Delta > 1/2 Window

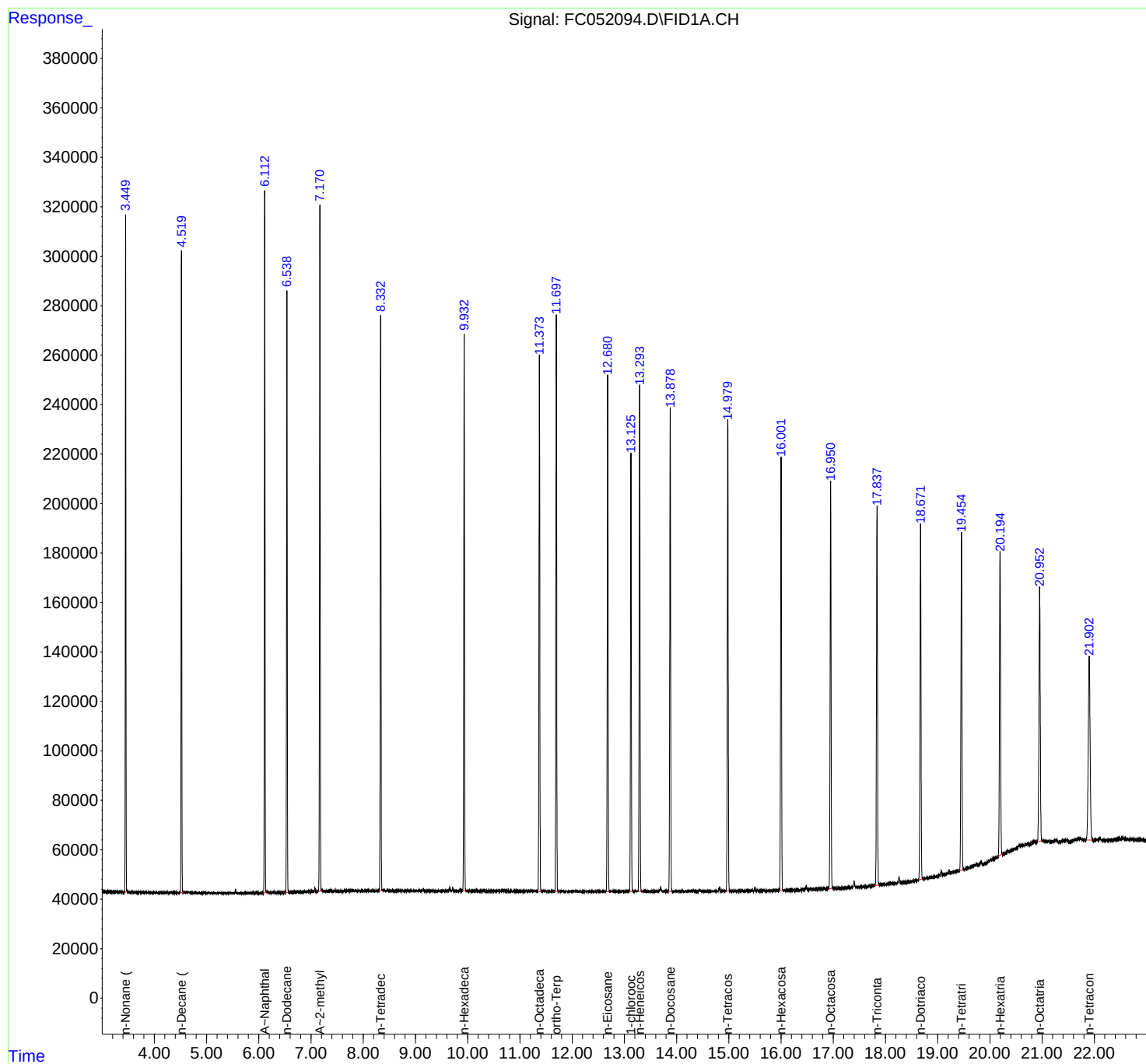
(m)=manual int.

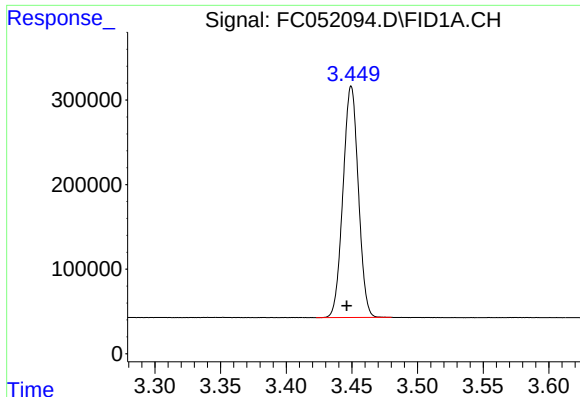
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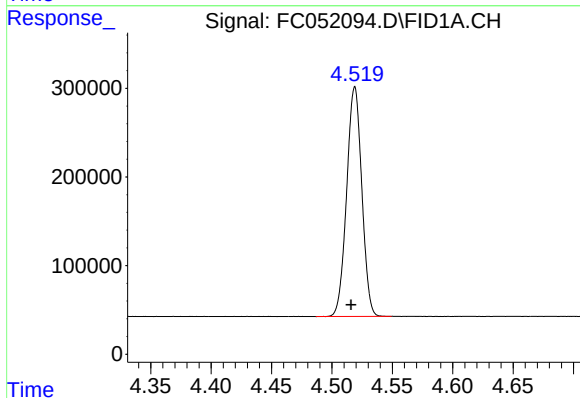




#1 n-Nonane (C9)

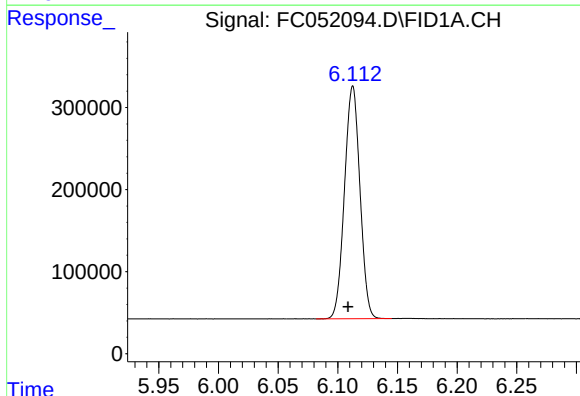
R.T.: 3.450 min
Delta R.T.: 0.004 min
Response: 2228564
Conc: 21.09 ug/ml

Instrument :
FID_C
ClientSampleId :



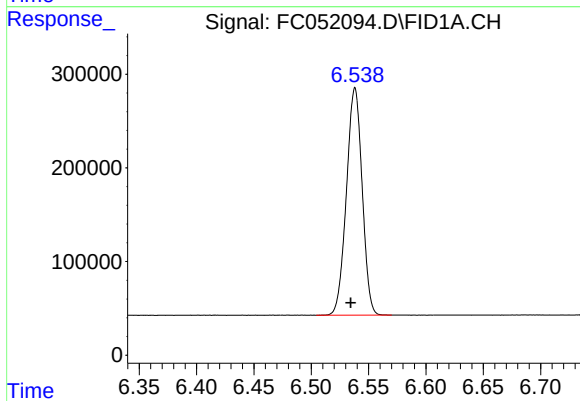
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: 0.003 min
Response: 2260129
Conc: 21.21 ug/ml



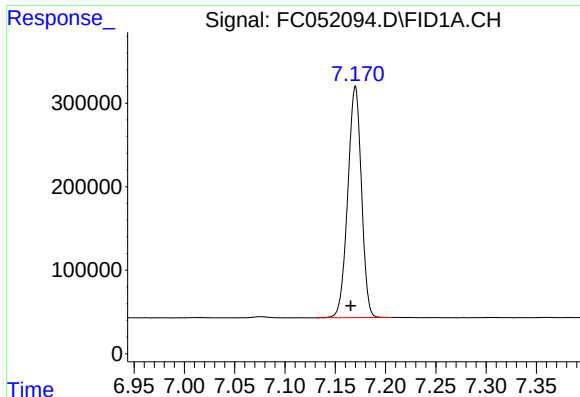
#3 A~Naphthalene (C11.7)

R.T.: 6.113 min
Delta R.T.: 0.004 min
Response: 2558312
Conc: 21.39 ug/ml



#4 n-Dodecane (C12)

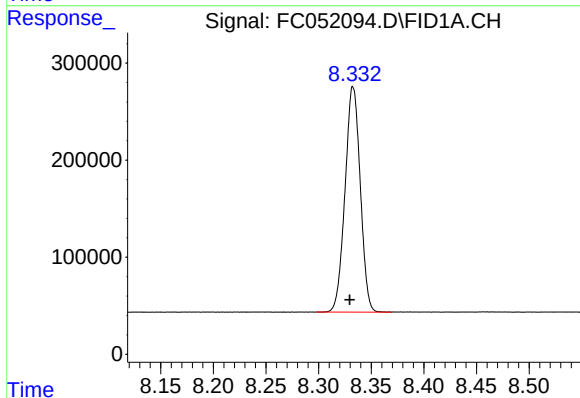
R.T.: 6.538 min
Delta R.T.: 0.004 min
Response: 2317881
Conc: 21.44 ug/ml



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

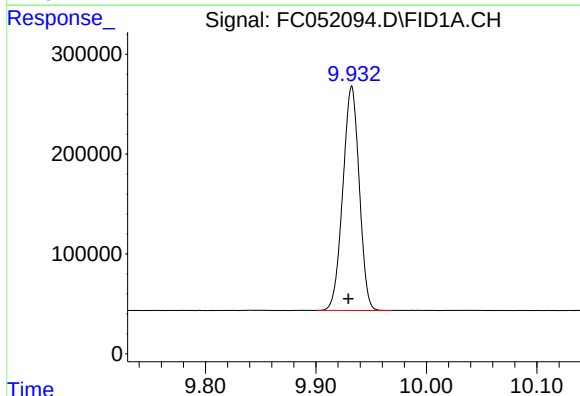
R.T.: 7.170 min
Delta R.T.: 0.005 min
Response: 2618642
Conc: 21.46 ug/ml

Instrument :
FID_C
ClientSampleId :



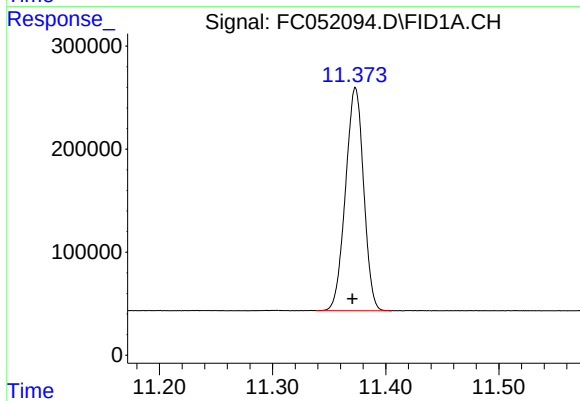
#6 n-Tetradecane (C14)

R.T.: 8.333 min
Delta R.T.: 0.003 min
Response: 2342178
Conc: 21.57 ug/ml



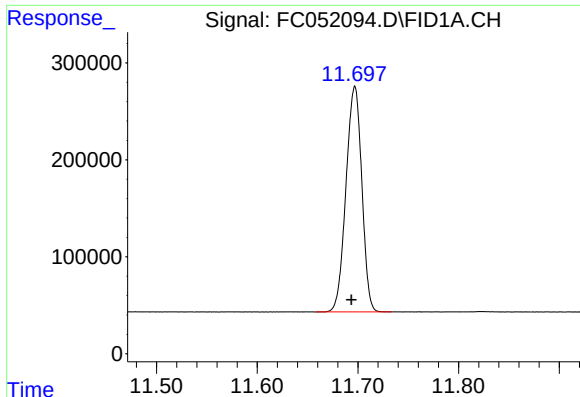
#7 n-Hexadecane (C16)

R.T.: 9.932 min
Delta R.T.: 0.003 min
Response: 2322422
Conc: 21.52 ug/ml



#8 n-Octadecane (C18)

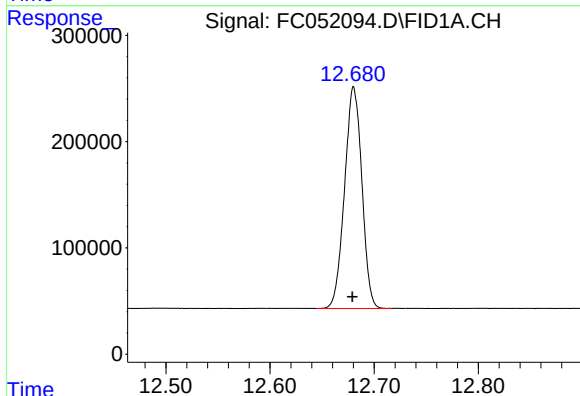
R.T.: 11.373 min
Delta R.T.: 0.003 min
Response: 2410998
Conc: 21.33 ug/ml



#9 ortho-Terphenyl (SURR)

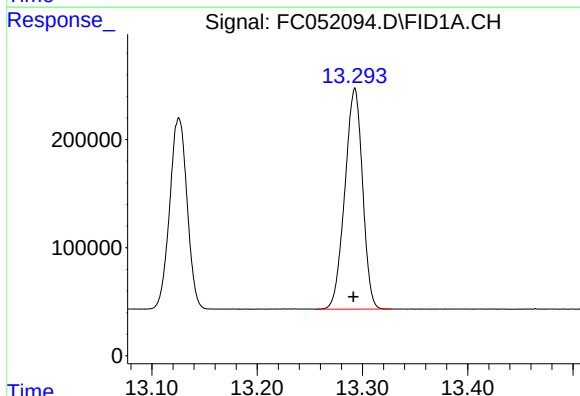
R.T.: 11.697 min
Delta R.T.: 0.003 min
Response: 2541823
Conc: 20.94 ug/ml

Instrument :
FID_C
ClientSampleId :



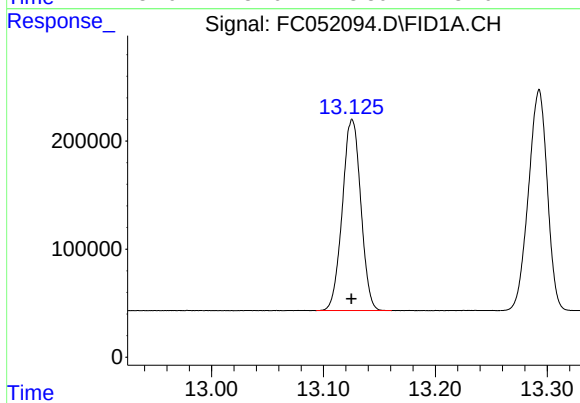
#10 n-Eicosane (C20)

R.T.: 12.680 min
Delta R.T.: 0.001 min
Response: 2409321
Conc: 20.98 ug/ml



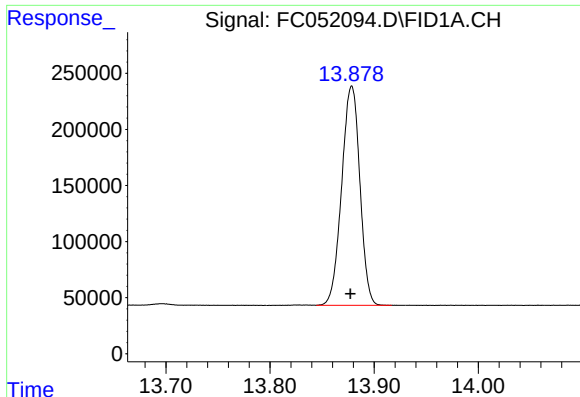
#11 n-Heneicosane (C21)

R.T.: 13.293 min
Delta R.T.: 0.001 min
Response: 2389996
Conc: 20.74 ug/ml



#12 1-chlorooctadecane (SURR)

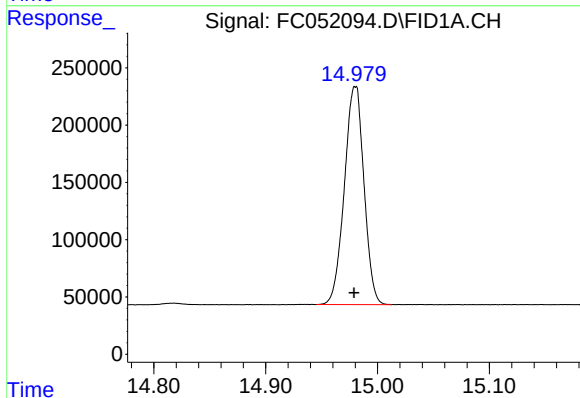
R.T.: 13.126 min
Delta R.T.: 0.000 min
Response: 2032128
Conc: 20.70 ug/ml



#13 n-Docosane (C22)

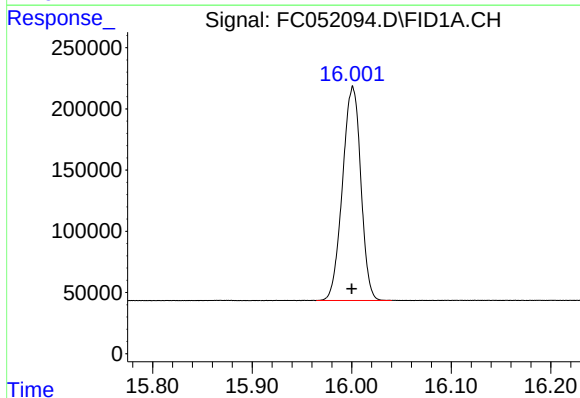
R.T.: 13.878 min
Delta R.T.: 0.001 min
Response: 2375078
Conc: 20.49 ug/ml

Instrument :
FID_C
ClientSampleId :



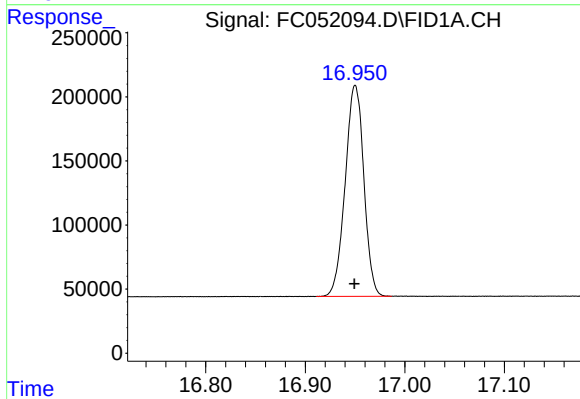
#14 n-Tetracosane (C24)

R.T.: 14.980 min
Delta R.T.: 0.001 min
Response: 2323971
Conc: 19.85 ug/ml



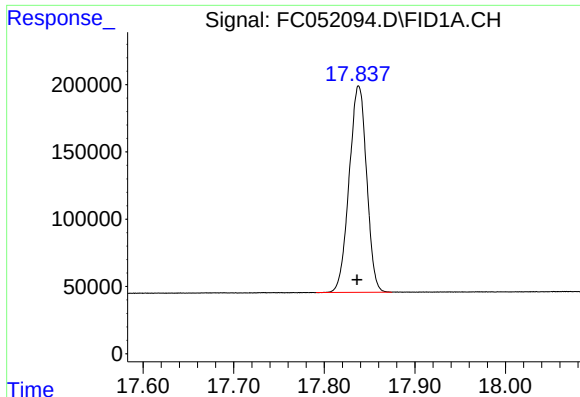
#15 n-Hexacosane (C26)

R.T.: 16.001 min
Delta R.T.: 0.000 min
Response: 2235278
Conc: 19.12 ug/ml



#16 n-Octacosane (C28)

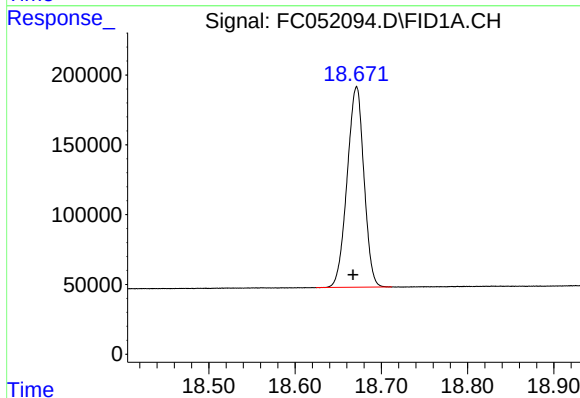
R.T.: 16.950 min
Delta R.T.: 0.000 min
Response: 2148021
Conc: 18.26 ug/ml



#17 n-Tricontane (C30)

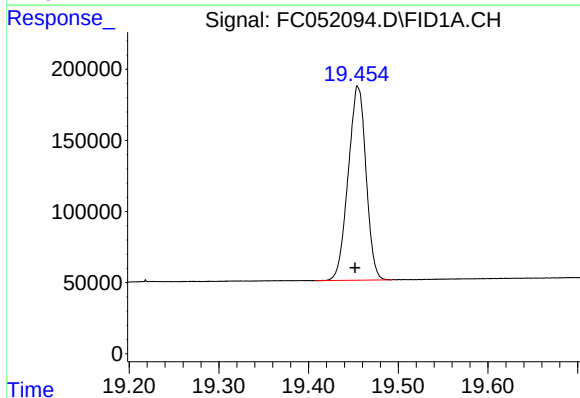
R.T.: 17.838 min
Delta R.T.: 0.002 min
Response: 2055800
Conc: 17.39 ug/ml

Instrument :
FID_C
ClientSampleId :



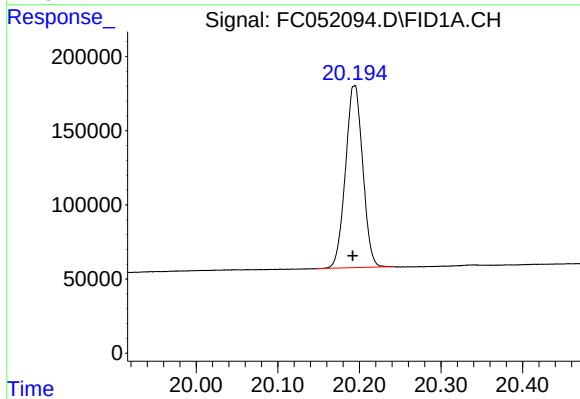
#18 n-Dotriacontane (C32)

R.T.: 18.671 min
Delta R.T.: 0.004 min
Response: 1947725
Conc: 16.61 ug/ml



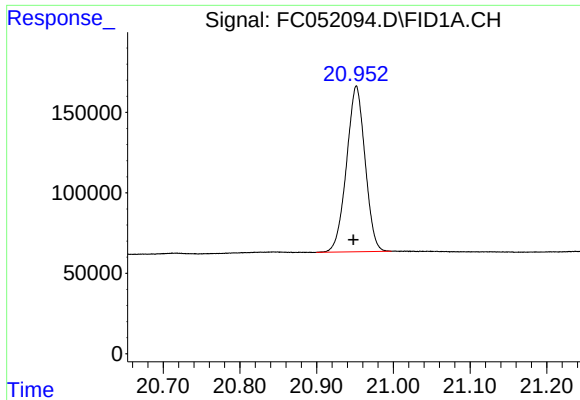
#19 n-Tetratriacontane (C34)

R.T.: 19.455 min
Delta R.T.: 0.003 min
Response: 1883162
Conc: 16.26 ug/ml



#20 n-Hexatriacontane (C36)

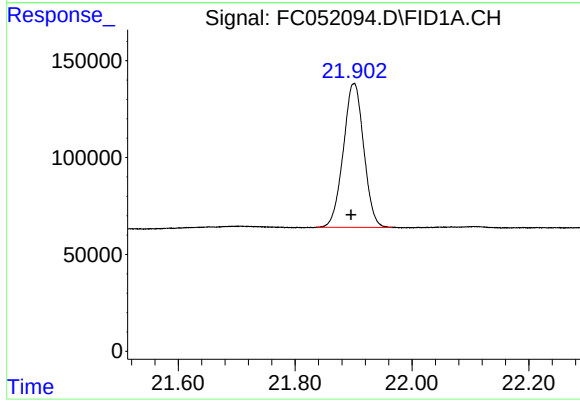
R.T.: 20.194 min
Delta R.T.: 0.002 min
Response: 1802293
Conc: 16.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.952 min
Delta R.T.: 0.004 min
Response: 1727400
Conc: 16.87 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.901 min
Delta R.T.: 0.005 min
Response: 1804500
Conc: 17.51 ug/ml